

Book No. 13

H.A. ALLARD

Field collection NUMBERS

17000 - 18560

HISPANIA

Nov. 12, 1947 to JAN. 1, 1948



- #17000 to 17005 inc. Piedra Blanca.  
 #17006 to 17018 " Ciudad Trujillo.  
 #17019 to 17054 " Valdesia Valley.  
 #17055 to 17056 inc. Ciudad Trujillo.  
 #17057 to 17175 inc. Piedra Blanca.  
 #17176 to 17182 inc. Ciudad Trujillo.  
 #17183 to 17302 inc. <sup>on highway to</sup> Represa Dam.  
 #17307 Ciudad Trujillo.  
 #17304 to 17377 inc. - Valdesia slopes.  
 #17378 to 17770 " <sup>region</sup> Contanza-Valle Nuevo.  
 #17771 to 17884 " Piedra Blanca region.  
 #17885 to 17944 - big limestone caves  
 west of Ciudad Trujillo.  
 #17945 to 18036 Piedra Blanca region.  
 #18037 to 18077, big caves west of  
 Ciudad Trujillo.  
 #18078 to 18177 and 18179 = Region  
 of Piedra Blanca.  
 #18178 = Ciudad Trujillo.  
 #18179 to 18180 <sup>inc.</sup> - Piedra Blanca.  
 #18181 to 18184 inc. Ciudad Trujillo.  
 #18185 to 18560 inc. Loma Camuflaje  
 and ravine of Rio de los Platanos.

Represa represented on some  
 maps as Madrigal - on  
 Duarte Highway. Road turns  
 left into valley to dam known  
 as Represa Dam - and is on  
 the Maura River which rises in  
 the Cerro del Cristo Dto, 1300  
 meters in alt.

Allard, H. A. Dominican Republic 1947-1948.

Book 13.

Field Notes nos. 17000 - 18560.

50174

Manufactured by  
 U. S. Government Printing Office



ish

clitter

↓  
dipto

ditto

th

to



Mosses, hepatic collected on  
trees etc. near arroyo near  
rubber grove (Goodrich)  
17000 Nov. 12, 1947. H.A. Allard

17001 Lichens on trees etc  
near # 17000

17002 Mosses, hepatic  
near # 17000

17003 Mosses hepatic  
near # 17000

17004 Mosses, hepatic  
near # 17000

17005 Lichens on trees  
near # 17000

17006 Orange red morning glory  
west of Ciudad Trujillo  
Nov. 14, 1947  
H.A. Allard

Legume shrub or small tree  
In thickets on outcropping  
coral rocks near # 17006  
Nov. 14

fl. white

17008 Sponsoea fl. white, reddish  
in throat, shiny.  
Near # 17006 ditto

17009 Composite, very small,  
yellow flowers along  
runways of airport near  
end. Nov. 14, 1947. H.A. Allard ditto

17010 Lichens on Jacarilla tree  
west of Ciudad Trujillo ditto  
Nov. 14, 1947. H.A. Allard

17011 Sponsoea small white fl.  
in tree near # 17010 Nov. 15  
H.A. Allard

17012 Lichens of Cashew tree  
near # 17010 ditto

17013 Lichens on the  
# 17010  
(Same tree) ditto



Hepatic on Cashew tree  
west of Ciudad Trujillo

17014

Nov. 15, 1947

L

H.A. Allard

17014

17015

Lichens with

# 17014

Same tree

ditto

17016

White mottled leaves of  
plant much used for fuel and  
high hedges. Ciudad Trujillo  
Nov. 15, 47. H.A. Allard

17017

Shrub or small tree much  
used in Ciudad Trujillo for dipped  
hedges, low and high. I have never seen  
fl. Leaves green mottled white and edged white.  
Nov. 16, 47. H.A. Allard

17018

Legume - tree - fl. white;  
pod 3 angled, 10-12 inches long;  
seeds round, 3 winged.  
Ciudad Trujillo Nov. 18, H.A. Allard

17019

Blue flowered Catalpa - 2-3 ft  
tall. Near Valdesia - near Nizao  
River at alt. Nov. 19, 1947  
H.A. Allard

17020

On tree near # 17019

Tillandsia

ditto

Moss - on vertical  
bank of rock and earth  
along Nizao River near  
Valdesia. Nov. 19, 1947

17021

H.A. Allard

17022

Dark, slate-colored  
lichens on tree near # 17021

17023

Grass. Along Nizao  
River on flood plain - near  
# 17021

17024

Grass near # 17021  
along flood plain of  
Nizao River

17025

Grass. Near # 17021  
along flood plain of  
Nizao River

17026

Sedge  
with # 17023

17027

Composite - rose fl.,  
along flood plain with # 17023



Cyperus - bracts white at base,  
along bank and flood plain  
of Mingo River near Valdesia  
17028 Nov 19, 1947  
H.G. Allard

17029 Similar to # 17028  
bracts micolorous green ditto  
Near # 17028

17030 Cyperus  
In water of river ditto  
near # 17028

17031 Cyperus  
In wet soil near # 17028 ditto

17032 Cyperus Near # 17028  
In water and mud ditto

17033 Oxalis. On rocks  
frequently overflowed ditto  
near # 17028

17034 fl. rose, small  
on thin soil on rocks ditto  
with # 17028

Thin matted plants in Nov 19  
thin soil on flooded rocks H.G. Allard  
near # 17028  
17035

17036 Plants attached in mud,  
submerged near # 17028 ditto

17037 Tall - 6-7 ft - shrubby;  
fl. small yellow, ditto  
along flood plain near  
# 17028

17038 Herb - small whitish fl.  
in heads - with # 17037 ditto

17039 woody shrub - low, growing  
from vertical moist ditto  
cliff near river # 17037

17040 Chara - In water of  
Mingo River near # 17037 ditto  
attached to mud etc; submerged

17041 attached to mud, submerged  
along river banks near ditto  
# 17037



17042 Tiny, woody plant on  
soil in rock crevices occasionally  
flooded by high water  
along Nizao River near  
✓ Valdesia, Nov. 19, 1947  
H. A. Allard

17043 fl. yellow, herb  
near # 17042, in red soil, ditto

17044 Shrub - low; fl. small,  
white in heads; leaves  
✓ wrinkled, fasciated, ditto  
Near # 17042

17045 Grass,  
In red soil near # 17042 ditto

17046 Shrubby - 2-3 ft; fl. large,  
yellow, showy. Near  
# 17042 ditto

17047 Polygonum; racemes  
slender, long, fl. white  
In red soil near # 17042 ditto

17048 fl. white.  
✓ Mikania.  
Near # 17042 ditto  
Common; full bloom

Herb 3-4 ft. Along  
flood plain of Nizao River  
17049 near Valdesia  
Nov. 19, 1947. H. A. Allard  
fl. small, white

17050 Cyperus  
In mud, water near ditto  
# 17049  
✓ Resembles *Scripus validus* of States

17051 Legume - trailing, fl.  
small purplish. On clay  
bank in mts. above Valdesia  
valley as we began to descend into it  
Nov. 19

17052 Molasses grass  
*Melinis minutiflora* ditto  
near # 17051

17053 Mosses on vertical mud and  
sandstone bank near # 17049 ditto  
✓

17054 Moss - near # 17053 ditto  
✓

17055 Large-podded tree  
✓ pods flat - Ciudad Trujillo,  
Nov. 20, 1947  
Legume. H. A. Allard

Legume, prostrate - in lawn  
Ciudad Trujillo, fl. tiny white,  
tiny red spot in center of standard,  
17056 Nov, 20, 1947  
H.A. Allard

✓ 17057 Cuscuta on shrubs at  
bridge Piedra Blanca,  
Nov, 21, 1947 H.A. Allard.

17058 Andropogon -  
on trail to Goodrich rubber  
grove Nov, 21, 1947  
H.A. Allard

17059 Water weed. In brook  
near # 17058.  
temp of water 71° ✓ ditto

17060 Mikania - fl. white,  
fragrant.  
Near # 17058 ditto

✓ 17061 Pueraria phaseoloides  
escaped - along trail  
near # 17058  
fl. blue ditto

✓ 17062 Legume - climbing -  
fl. scarlet, near # 17058  
Large, showy fl. ditto

✓ 17063 Orchid - purplish, small  
fl., in heavy woods in  
ravine near # 17058  
Nov 21, 1947. H.A. Allard,

✓ 17064 Low vine - berries red -  
often in 2's - in  
woods in ravine near  
# 17063 ditto

✓ 17065 Orchid on tree -  
fl. greenish yellow ditto  
Near # 17063

17066 Andropogon - near  
Piedra Blanca on  
bank Nov, 21, ditto

17067 Moss - on logs  
near # 17063 ✓ ditto

17068 Moss  
on log near # 17063 ✓ ditto

17069 Moss.  
near # 17063 ✓ ditto

17069a On logs ditto ✓



Mosses on logs,  
stumps etc in ravines  
17070 on trail to Goodrich ✓  
rubber grove, Piedra  
Blanca Nov. 21, H.A. Allard

17071 Mosses on logs  
near # 17070 ✓ ditto

17072 Mosses  
on logs etc. near  
# 17070 ✓ ditto

17073 Mosses near  
# 17070 ✓ ditto

17074 Mosses on logs  
etc near # 17070 ✓ ditto

17075 Mosses on logs  
etc. near  
17070 ✓ ditto

17076 Mosses on  
logs etc near  
# 17070 ✓ ditto

Mosses on logs etc Nov. 21/  
near # 17070 H.A. Allard

17077  
✓  
17078 Mosses on logs etc  
near # 17070 L ditto

17079 Mosses on logs  
etc near # 17070 ✓ ditto

17080 Mosses on logs  
etc near # 17070 ✓ ditto

17081 Mosses near  
# 17070 ✓ ditto

17082 Mosses near  
# 17070 L ditto

17083 Mosses near  
# 17070 L ditto

Mosses in logs etc  
in ravine on trail  
to Goodrich rubber  
grove, Piedra Blanca  
17084 Nov. 21, 1947 ✓  
H.A. Allard

17085 Mosses,  
near # 17084 ✓ ditto

17086 Mosses near  
# 17084 ✓ ditto

17087 Mosses  
near # 17084 ✓ ditto

17088 Mosses etc  
near # 17084 ✓ ditto

17089 Mosses etc  
near # 17084 ✓ ditto

17090 Mosses etc  
near # 17084 ✓ ditto

Mosses etc  
near # 17084 Nov. 21  
H.A.A.

17091 Mosses etc  
near # 17084 ✓ ditto

17092 Mosses etc near  
# 17084 ✓ ditto

17093 Mosses near  
# 17084 ✓ ditto

17094 Mosses near  
# 17084 ✓ ditto

17095 Mosses near  
# 17084 ✓ ditto

17096 Mosses near  
# 17084 ✓ ditto

17097 Mosses near  
# 17084 ✓ ditto



Mosses, hepatic  
etc. in raimer on  
17098 trail top Woodrich ✓  
rubber grove, Prichard  
Blanca Nov. 21, 1947  
Hallard

17099

↓ ditto ✓

17100

↓ ditto

17101

↓ ditto ✓

17102

↓ ditto ✓

17103

↓ ditto ✓

17104

↓ ditto ✓

Mosses etc near  
# 17098 Nov. 21

17105

✓

17106

↓ ditto ✓

17107

↓ ditto ✓

17108

↓ ditto ✓

17109

↓ ditto ✓

17110

↓ ditto ✓

17111

↓ ditto ✓

17112

Moss, hepatic  
on logs etc. in ravine  
on trail W. Woodrich ✓  
subfor. groves, Piedra Blanca  
Nov. 21, 1947

17113

ditto ✓

17114

ditto ✓

17115

ditto ✓

17116

ditto ✓

17117

ditto ✓

17118

ditto ✓

17119

with # 17112 Nov. 21,  
H.A.G. ✓

17120

ditto ✓

17121

ditto ✓

17122

ditto ✓

17123

ditto ✓

17124

ditto ✓

17125

ditto ✓



Mesa, hepatic on trail  
to Goodrich rubber guse.  
17126 Piedra Blanca in mouth  
ravines. Nov. 21/1947  
H.A. Allard ✓

17127 ditto ✓

17128 ditto ✓

17129 ditto ✓

17130 ditto ✓

17131 ditto ✓

17132 ditto ✓

Mesa the collected  
with # 17126 Nov. 21/  
H.A. Allard  
✓

17133 ditto ✓

17134 ditto ✓

17135 ditto ✓

17136 ditto ✓

17137 ditto ✓

17138 ditto ✓

17139 ditto ✓

17140

Moses, hepatic coll. in  
ravine along trail to  
Goodrich rubber grove,  
Piedra Blanca, Nov. 21, 1947

H. A. Allard

17141

ditto

17142

ditto

17143

ditto

✓

17144

ditto

✓

17145

ditto

✓

17146

ditto

✓

17147

Moses et  
coll. with # 17140  
Nov. 21

17148

ditto

✓

17149

ditto

17150

ditto

✓

17151

ditto

✓

17152

ditto

✓

17153

ditto

✓



17154 Mosses on stumps, logs,  
barbs etc in ravines on  
trail to Goodrich after  
river near Piedra Blanca  
Nov, 21, 1947 H.A. Allard

17155

ditto ✓

17156

ditto ✓

17157

ditto ✓

17158

ditto ✓

17159

ditto ✓

17160

ditto ✓

Mosses, hepatics  
near # 17154

17161

Nov, 21, 1947 ✓

H.A. Allard

17162

ditto ✓

17163

ditto ✓

17164

ditto ✓

17165

ditto ✓

17166

ditto ✓

17167

Lichens

✓

Lichens on bark etc  
in ravines along trail to  
17168 Goodrich rubber grove  
near Piedra Blanca. ✓  
Nov. 21, 1947  
H.A. Allard

17169

ditto ✓

17170

ditto ✓

17171

ditto ✓

17172

Moss  
Near # 17168 ✓

17173

Lichen on sticks  
Near # 17168 ✓

17174

Lichens on leaves  
Nov. 21.  
Near # 17168 ✓

17175

Moss on branch -  
Near # 17168 Nov. 21, 1947  
H.A. Allard.

17176 Peutlier small lichen on  
upper surface of Cashew leaf ✓  
Ciudad Trujillo  
H.A. Allard Nov. 24, 1947

17177

Leaf spots on  
Cashew  
for path. ditto

17178

Black hydnum on  
Cashew tree ditto

17179

Ipomoea. fl. blue,  
small. Nov. 24 ditto

17180

Ipomoea. fl. white,  
small ditto

17181

Moss on Mango  
Tree <sup>west of</sup> Ciudad Trujillo ✓  
Nov. 25, H.A. Allard



17182

Mosses on mangrove  
Cuddad, Tangle  
Nov 5, 1947  
A. J. Wood

17183

Leaves -  
bl. dark red  
Nov 26, 1947  
Along stream near Repressa,  
= Mana River.

17184

Cuscuta - on leaves  
Along Repressa dam  
ditto

17185

In river near # 17183 ditto  
Below fishy, unbranched. ✓

17186

very bluish ad in  
water near # 17185 ditto

17187

Shrub -  
on bank near # 17183 ditto

17188

Piper  
Tall shrub  
Near # 17183 ditto

17189

✓ Confused  
fl. white  
Nov 26, 1947  
A. J. Wood

17190

✓ One collected  
near # 17187 ditto

17191

✓ Penicillium  
on moss - Nov 26, 1947 ditto

17192

✓ Aquatic plant  
fl. dark red, young  
Near # 17187 in river  
little field plain, ditto

17193

✓ Cyperus  
In swampy area near # 17187 ditto

17194

✓ Cyperus  
on bank near # 17187 ditto

17195

✓ Cratogeomys  
fl. yellow, on bank ditto  
near # 17187

On moist shaded, steep  
bank by Mana river  
17196 Mossy, 26, 1947  
H.A. Allard ✓

17197 Mossy, 26, 1947  
H.A. Allard ✓

17197a algae ✓

17198 Mossy on upper surface  
of large leaves, ventral side,  
near # 17196 ✓ ditto

17199 Orchid on tree  
near # 17196 ✓ ditto  
fl. greenish

17200 Sedges on moist  
bank near # 17196 ✓ ditto

17201 Paper Birch  
on tree near # 17196 ✓ ditto

17202 Branches  
on tree near # 17196 ✓ ditto

Moss on bank  
near Mana river at Represa  
17203 dam, Nov. 26, 1947  
H.A. Allard ✓

17204 Moss on bank  
with # 17203 ✓ ditto

17205 Moss near  
# 17203 ✓ ditto

17206 Moss near  
# 17203 ✓ ditto

17207 Mosses, hepatic  
near # 17203 ✓

17208 Hepatic mosses  
near # 17203 ✓

17209 Hepatic mosses  
near # 17203



Mosses on tanks  
along stream near Peypressa  
dam, Nov, 26, 1947  
H.A. Allard

17210

17211

Mosses hepatic  
near # 17210

ditto

17212

Mosses hepatic  
near # 17210

ditto

17213

ditto

ditto

17214

ditto

ditto

17215

ditto

ditto

17216

ditto

ditto

Hepatic etc  
near # 17210

17217

Nov. 26  
H.A. Allard

17218

Hepatic, mosses  
near # 17210

ditto

17219

ditto

ditto

17220

ditto

ditto

17221

ditto

ditto

17222

ditto

ditto

17223

ditto

ditto

17224 Mosses, hepatic  
on banks (mount) near  
Repressa Dam at foot  
of Cordillera Central.  
Nov. 26, 1917  
H. A. Allard. ✓

17225

↓  
ditto ✓

17226

↓  
ditto ✓

17227

↓  
ditto

17228

Sedge - on  
soil on rocks in stream  
near # 17224

17229

Matted Plantain mud near  
# 17228 Nov. 26

17230

Moss on tree  
near # 17224 ✓  
Nov. 26.

17231

17232

17233

17234

17235

17236

17237

1900s - on bank  
near # 17224

Nov. 26, 1917

3. 1917 L

ditto ✓

ditto ✓

ditto ✓

ditto L

ditto ✓

ditto ✓



17238

Moss - on mount, wooded  
bank on road to Repressa dam.

Nov, 26, 1947

H.A. Allard

✓

17239

ditto

17240

ditto

✓

17241

ditto

✓

17242

ditto

✓

17243

ditto

✓

17244

ditto

✓

Mosses, leafy ones  
near # 17238

17245

Nov, 26, 1947

H.A. Allard

✓

17246

ditto

✓

17247

ditto

✓

17248

ditto

✓

17249

ditto

✓

17250

ditto

✓

17251

ditto

✓

Mosses, hepaticae  
along highway near Represa  
dam on steep moist,  
wooded slope.

17252

Nov. 26, 1947 ✓  
(H.A. Allard)

17253

ditto ✓

17254

ditto ✓

17255

ditto ✓

17256

ditto ✓

17257

ditto ✓

17258

ditto ✓

Mosses, hepaticae  
near # 17252

17259

Nov. 26, 1947  
H.A. Allard ✓

17260

ditto ✓

17261

ditto ✓

17262

ditto ✓

17263

ditto ✓

17264

ditto ✓

17265

ditto ✓



Mosses, hepatic on banks  
along Mana river near  
Represa dam, Nov. 26, 1947  
17266 H. A. Allard, ✓

17267

ditto  
On basal sheaths of  
Arundo donax ✓

17267a

17268

ditto

17269

ditto ✓

17270

ditto ✓

17271

ditto ✓

17272

ditto ✓

17272a

ditto ✓

Neenah 17266-

Nov. 26, 1947

17273

along Mana River ✓

17274

ditto ✓

17275

ditto

17276

ditto ✓

17277

ditto ✓

17278

ditto ✓

17279

ditto ✓

On banks along Mana River  
near Repressa dam

17280

Nov. 26, 1947

H.A. Allard

✓

17281

ditto

✓

17282

ditto

✓

17283

ditto

✓

17284 \*

Lichens.

ditto

✓

17285

Mosses, hepatics.

ditto

✓

17286

Mosses,  
hepatics

ditto

✓

Mosses, hepatics  
near # 17280

17287

Nov. 26, 1947

H.A. Allard

✓

17288

ditto

✓

17288a

ditto

✓

17289

ditto

✓

17289a

ditto

✓

17290

ditto

✓

17291

ditto

✓

17291a

ditto

✓

17292

ditto

✓

17293

ditto

✓



17294

Mosses hepatic  
along Mana River - on banks  
near Represa and  
Represa dam

17294

l. h. v

Nov. 26, 1947  
H. A. Allard

17295

Cladonia

ditto ✓

17296

Cladonia

ditto ✓

17297

Cladonia

ditto ✓

17298

Mosses  
hepatic

ditto ✓

17299

Moss, hepatic

ditto ✓

17300

Moss, hepatic

ditto ✓

Cladonia

near # 17294

17301

Nov. 26, 1947

H. A. Allard

17302

Moss, hepatic  
on bank

ditto ✓

17303

Gichens on

tree near Independencia  
Cave, Ciudad Trujillo  
Nov. 26, 1947 H. A. A

17304

On cliffs in Nigua river  
valley near bridge  
Nov. 30, 1947 H. A. Allard

✓

Legume, tree with prickly at apex  
small tree

17305

Shrub on cliffs  
near # 17304

ditto

17306

Cyperaceae  
seen not shot at foot of  
cliffs near # 17304

✓

ditto

17307

On cliffs near  
# 17304

ditto

algae, in wet spot at  
foot of cliffs south of  
17308 <sup>ridge</sup> near <sup>ridge</sup> near  
Valdesia, Nov. 30, 1947  
H.A. Allard ✓

17309 Along cliffs near  
# 17308  
Leaves very dark green.  
Piper ditto ✓

17310 On cliffs near  
# 17308 ditto ✓

17311 <sup>high</sup> Grass on cliffs  
near # 17308 ditto ✓

17312 Composite, rays  
yellow; on cliffs  
near # 17308 ditto ✓

17313 Piper, leaves very deep  
green, <sup>strongly</sup> aromatic - scented and  
flavored; on cliffs  
near # 17308 shrub, ✓

17314 Large leaved, deeply lobed;  
vine with leafy spat,  
along Nigao River in woods  
climbing on trees Nov. 30. H.A.A.

Mass ~~leaves~~  
Leaves broad 3-4 ft  
17315 Near # 17314  
Nov. 30, 1947  
~~Olyra~~ ~~foliolosa~~  
H.A. Allard

17316 Masses of ~~leaves~~ on wood,  
logs, trees on cliffs near  
# 17308 ✓

17317 ditto ✓

17318 ditto ✓

17319 ditto ✓

17320 ditto ✓

17321 ditto ✓



Mosses, hepaticae on logs,  
trunks of trees etc. along  
Valle Nizao river with stone of  
17322 cliffs near Valdesia.  
Nov. 30, 1947 V  
Hill island

Near # 17322  
Same data  
Nov. 30. V

17323

↓  
ditto V

17324

↓  
ditto V

17325

↓  
ditto V

17326

↓  
ditto V

17327

↓  
ditto V

17328

↓  
ditto V

17329

↓  
ditto V

17330

↓  
ditto V

17331

↓  
ditto V

17332

↓  
ditto V

17333

↓  
ditto V

17334

↓  
ditto V

17335

Monroe, hepaticae  
collected near Valdosta - along  
17336 Wingo River and <sup>low</sup> high cliffs  
near Valdosta  
Nov. 30, 1947 ✓  
H. A. Allard

17337

ditto

✓

17338

ditto

✓

17339

ditto

✓

17340

ditto

✓

17341

ditto

✓

17342

ditto growing  
on stones.

✓

Monroe  
hepaticae

Near # 17336

Same data

17343

✓

17344

ditto

✓

17345

ditto

✓

17346

ditto

✓

17347

ditto

✓

17348

ditto

✓

17349

ditto

✓

✓



Lichens on bark, trees  
str. near Valdecaia along Rio Negro  
and on cliffs near Rio Negro

17350

Nov. 30, 1947 white soil on  
H.A. Allard, *Polyporus* ✓

17351

↓  
ditto

✓

17352

↓  
ditto

✓

17353

↓  
ditto

✓

17354

↓  
ditto

✓

17355

Beautiful  
crimson for  
hatchers  
on trees

↓  
ditto

✓

17356

↓  
ditto

✓

Lichens growing near # 17350

Nov. 30, 1947

same date

17357

✓

17358

↓  
ditto

✓

17359

↓  
ditto

✓

17360

↓  
ditto

✓

17361

↓  
ditto

✓

17362

↓  
ditto

✓

17363

↓  
ditto

✓

Lichens collected on banks,  
 loops etc. along Negro River  
 near Valdesia, and on high  
 lichen here,

17364

Nov. 30, 1947  
 H.A. Gifford

✓

17365

ditto ✓

17366

ditto ✓

17367

ditto ✓

17368

ditto ✓

17369

ditto ✓

17370

ditto ✓

Lichens - near # 17364  
 Same data, data etc

17371

Chloronia  
 on logs

Nov. 30

✓

17372

Mosses  
 Lycopodium

ditto ✓

Same data  
 local to  
 area 1

17373

Flowering plant on  
 shore cliffs,  
 near  
 Valdesia.

ditto

Nov. 30.

17374

Rosette  
 plant  
 on cliffs shore  
 no flowers

ditto

grows  
 on vertical  
 walls of  
 cliffs

17375

Lichens on  
 slickens near  
 # 17371.

ditto ✓

17376

Bromeliad  
 large, bl. deep rose  
 on tree near  
 # 17371

ditto

17377

Cactus on  
 vertical cliff  
 2 ft. tall - a single stem  
 7 angled

ditto ✓

Near Valdesia  
 Nov. 30.



along road and on slopes  
of 5000 - 5200 ft leading  
17378 to Valle Nueva from  
Constanza Dec 4, 1947

Panicum (H. Allard)  
In original pine forest

17379

Panicum

Near # 17378

ditto

17380

Solanum

Near # 17378

fl. white

ditto

17381

Solanum

very tall, arching branches  
fl. deep purple; shiny

Near # 17378

ditto

17382

Vine - leaves palmate.

fl. large, tubular, dark crimson

Near # 17378

ditto

17383

Pilea -

✓ Erect - leaves very rugose

Near # 17378

ditto

17384

Lycopodium

Running -

white fl in terminal  
spikes - on pines

Near # 17378

ditto

Small Rubiaceae

In pine forest near

17385

# 17378

✓

Same  
date,  
data  
etc.

17386

Mikania - high climbing

In thickets near # 17378

ditto

17387

Sisyrinchium

fl. blue

Near # 17378

✓

In pine forest - great  
original trees.

ditto

17388

Rubiaceae

fl. white - prostrate

Near # 17378

ditto

17389

Aster - fl pinkish/white

Near # 17378

✓

ditto

17390

Shrub

fl. reddish; leaves  
very dark green above,  
light beneath; glaucous

Near # 17378

ditto

17391

Very woody gnaphalium

In pines near # 17378

ditto

On slopes of mts. along  
highway from Comstanya to  
Valle Nuevo at 5000 to  
5200 ft. Dec. 4, 1947  
✓ Genus H. G. Allard

17393 Vine - climbing over  
shrubs etc.; fl. small, white  
Composite

17394 Orchid - fl. purplish  
red. On moss and thin  
soil on ledges near # 17392  
leaves elliptical. ditto

17395 Shrub - composite  
5-6 ft tall. Near # 17392  
✓ fl. pinkish ditto

17396 Panicum,  
Low, rosette form.  
Near # 17392 ditto

17397 Rubiaceae  
fl white; prostrate  
to ascending  
Near # 17392 ditto

17398 Low - nearly creeping  
herb small, deep orange  
in color. Near # 17392 ditto

Composite -  
delicate fl.  
Same date,  
data  
17399 Near # 17392

17400 Fern. On ledges  
near # 17392 ✓ ditto

17401 Eupatorium - fl. purplish  
woody or shrubby.  
Near # 17392 ditto

17402 Panicum  
Near # 17392 ditto

17403 Hieracium - fl. yellow  
In pine forest near  
# 17392 ditto

17404 Panicum  
Low, rosettes,  
Near # 17392 ditto

17405 Panicum  
Stiff, narrow leaves  
Near # 17392 ditto



Low, creeping plant  
In original pine forest on  
steep slopes near  
17406 highway from Costa Rica  
to Valle Nuevo  
H.A. Ballard Dec. 4, 1947

17407 *Panicum*  
Perennial -  
2 feet. Near # 17406

17408 *Panicum*  
Near # 17406  
Low - rosette.

17409 Peculiar plant - Near # 17406  
light glaucous green  
limb. fl. beneath purplish  
stems' leaves all in one plane  
On tree 20-30 ft above ground

17410 Very small fern  
on tree 40-50 feet  
above ground  
Near # 17406

17411 Orchid - 3 On same  
tree with # 17406

17412 Fern - long, slender  
fronds on bank near  
# 17406

cupiform  
fl. purplish  
17413 Shrub 6-8 ft. tall  
Near # 17406

17414 *Equisetum*  
4-5 ft. tall. at near  
4000 ft. near Costa Rica  
along stream

17415 *Cyperus* - very tiny  
In mud along stream  
near # 17414

17416 *Primula* -  
fl. large, yellow, showy.  
5-6 ft. tall. along stream  
near # 17414

17417 Mistletoe - On pine tree  
near # 17406  
fruit O, purple

17418 Shrub, tall -  
fruit oblong, crimson  
Near # 17406

17419 High climbing woody  
near # 17406 rare ditto

Same data  
ditto, etc

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

along slopes and highway  
from Constanta to Valle Nueva  
at 5000-5200 ft.

17420 ✓ *Chenopodium*  
Dec. 4, 1947. H. A. Allard

aster  
in mixed forest

17421 near # 17420

ditto

17422 Shrub - near # 17420

fl. very showy, drooping  
deep orange red. <sup>veining red</sup>  
very beautiful; leaves dark green

ditto

17423

*Pilea* -

erect, rugose, dark

green, rough hairy leaves

with # 17420

ditto

17424

low, creeping or a bit

fl. yellow - along bank

in ravine at 5000 ft.

ditto

17425

*Lycopodium* ?

Trailing. In ravine

near # 17424

ditto

17426

Flora - long slender

fronds

on

bank in ravine

near # 17424

ditto

Trailing *Asplenium*  
In ravine in rain  
near # 17424

17427

Dec. 4, 1947

H. A. Allard

17428

*Myrsine*

In open ground on

bank - near # 17424

ditto

17429

Grass. *Andropogon*

Near # 17424

ditto

17430

*Eupatorium*

Tall shrub - fl. whitish

leaves somewhat glutinous

Near # 17424

ditto

17431

*Sesardina* -

fl. rose purple,

In place at 5000 ft

near # 17424

ditto

17432

Parasite nearly black

all over pine branches.

At 5000 ft. near 17420

ditto

17433

Shrub - Composite -

bluish purplish; leaves

very narrow, linear.

Near # 17420

ditto



*Panicum*  
on steep slopes in original pine  
forest on road from Comtana  
17431 to Valle Nuevo, at ~~17432~~  
5000 to 5200 ft. alt. Dec. 4

*Adonia* - new, plants  
or pale green - reindeer type  
17435 on banks on ledges  
near # 17434 ✓ ditto

17436 *Panicum*  
Near # 17434 ✓ ditto

17437 Tiny, low herb  
near # 17434 ✓ ditto

17438 *Panicum*  
Low - near # 17434 ✓ ditto

17439 *Euphorbia*  
In <sup>hills</sup> woods near  
✓ # 17434 ✓ ditto

17440 *Cyperus* - low  
In dry, gravelly soil  
near # 17434 ✓ ditto

*Pilea* - 1-2 ft. tall  
rugose leaves, erect, <sup>same</sup> date &  
data  
Near # 17434

17441 ✓

17442

*Lichena*  
On pine trees -  
Near # 17434 ✓ ditto

17443 ✓

Trailing *Pilea*  
Near # 17434 ditto

17444 ✓

*Artemisia*  
Near # 17434 ditto

17445

*Panicum*  
Low, Near # 17434 ✓ ditto

17446 ✓

*Euphorbia*  
Near # 17434 ditto

17447 ✓

*Hieracium*  
Near # 17434  
fl. yellow. ditto

*Bidens* fl. yellow (unseen)

Near Cuatanga on

17448 road from Cuatanga to  
Valle Nuevo at 4000 ft

Dec. 4, 1947

H.A. Allen

17449 *Eupatorium*, fl. white,

small, near # 17448 ditto

17450 Prostrate *Pilea* -  
Near # 17448 ditto

17451 Tall herbaceous  
mist; fl. blue, showy  
4-5 ft. Near # 17448 ditto

17452 *Eupatorium*, tall  
fl. whitish  
Near # 17448 ditto

17453 *Stellaria*  
On banks near  
# 17448 ditto

17454 Dock - Polygonaceae  
Roadside near  
# 17448 ditto

*Quercus* - wood used for near

17455

# 17448; common

Dec. 4, 47  
H.A.A.

17456

*Eupatorium*  
Shrubby; fl. purplish  
Near # 17448 ditto

17457

Prostrate legume  
*Desmodium*  
Near # 17448 ditto

17458

*Guiracia*  
Escaped, everywhere  
near Cuatanga, etc.

In roadside ditch, etc.  
one crimson, one purplish  
at 3800 ft. on Valle Nuevo road ditto

17459

*Lepidium*  
Near # 17458  
(on roadside) ditto

17460

Prostrate plant  
In cult. land near  
# 17458 ditto

17461

*Andropogon*  
Dec. 3  
at 4500 ft to 5000 -  
on road to Valle Nuevo ditto



Orchid - flowers deep rose  
On dry, grassy scrub near Constanta  
17462 at 3600-3700 ft., Dec. 5, 1947  
H.A. Allard.

at 5200 feet on road  
17463 to Valle Nuevo in  
pine forest.  
Dec. 4, 1947  
H.A. Allard.

17464 Cyperaceae

Near # 17463. cl. red soil,  
17465 climbing - fl. small  
white, juice very milky.  
at 5000 ft. more  
# 17463

17466 Shrub,  
Near # 17463

17467 Shrub  
fruit in umbels  
Near # 17463

17468 Shrub  
fl. purple  
Near # 17463

at 5200  
✓ On road to Valle Nuevo from  
Constanta, in pine forest,  
17469 original here, Dec. 4, 1947  
H.A. Allard  
fl. yellow; shrubby.

17470 Climber. fl. very small  
whitish.

Near # 17469  
17470A small plant. Rubiaceae

17471 Shrub.  
fl. whitish  
Near # 17469

✓ 17472 Cleome sp.  
On Constanta on roadside  
at 3400 ft., Dec. 4

✓ 17473 Pilea - prostrate in  
damp soil at 5200 ft.  
near # 17469

17474 In pine forest  
near # 17469  
✓ Erigeron?

17475 Rubiaceae  
✓ with # 17469  
fl. white

Aster. fl. - rays pinkish.  
On road to Valle Nuevo from  
Constanza - in original pine forest  
17476 at 5200 ft, Dec. 14, 1947

17476 *Setaria ciliata* Michx.  
*Setaria*

17477 with # 17476

ditto

17478 *Pilea* - creeping  
Near # 17476

ditto

17479 *Panicum*  
Near # 17476

ditto

17480 Sedge  
Near # 17476

ditto

17481 Aster  
Rays pinkish white  
Near # 17476

ditto

17482 *Pilea* - prostrate  
Near # 17476

ditto

17483 *Proserpinaca*  
near # 17476  
Dec. 14  
H.O.A.

17484 *Lactuca*  
Rays yellow  
Near # 17476

ditto

17485 *Panicum* tall  
Near # 17476

ditto

17486 Leage (pigeon) *Leucaena*  
with galls  
Near # 17476

ditto

17487 *Lycopodium*  
Near # 17476

ditto

17488 Aster  
rays white to pinkish  
Near # 17476

ditto

17489 *Eupatorium*  
fl. purple  
Near # 17476

ditto



Panicum  
at 5200 ft on road to  
Valle Nuevo from Comfianza  
17490 in original pine forest  
Dec. 4, 1947  
H.A. A. and.

17491 Cyperaceae  
Low, sandy soil  
Near # 17490 ditto

17492 Hieracium - fl yellow  
In pine woods near  
# 17490 ditto

17493 Cyperaceae  
Near # 17490 ditto

17494 Symplocaria  
Near # 17490.  
fl. blue ditto

17495 Composite  
Heads whitish -  
Near # 17490 ditto

17496 Gnaphalium  
Near # 17490 ditto

Onclidium  
fl. just shy red  
17497 on thin soil on rocks  
near # 17490 Dec. 4  
H.A. A.

17498 fern  
On logs etc. near # 17490 ditto

17499 Very leafy stems  
glaucesc. leaves - strongly  
erect in same place  
fl. linear on stem. On  
tree trunk etc. near # 17490 ditto

17500 Aster - rays blue  
Near # 17490 ditto

17501 Rubiaceae  
fl. whitish  
(ascending)  
Near # 17490 ditto

17502 Panicum  
Near # 17490 ditto

17503 Composite  
rays whitish  
Erigeron? ditto



Erigeron. rays whitish  
In original pine forest  
17504 on road from Combaraya  
to Valle Hermosa, Dec. 4,  
P.A. Allard.

17505 Rays yellow,  
Low rosette plant -  
Near # 17504 ditto  
Leaves white-woolly beneath.

17506 Paper.  
Low ascending.  
Near # 17504 ditto

17507 Aster.  
Rays white  
Near # 17504 ditto

17508 orchid  
In clump on ledge  
Near # 17504 ditto  
fl. yellow or cream.

17509 Gunnera  
fl. red  
Leaves, stems glutinous  
Tall shrub, hairy ditto  
Near # 17504

17510 Panicum  
Near # 17504 ditto  
Low rosettes

Rosette plant  
Leaves reddish, white  
17511 beneath, slender flower stem  
Dec. 4

✓ Near # 17504  
17512 Panicum  
Near # 17504 ditto  
15-20 in tall - hairy.

17513 Panicum  
Low rosettes ✓ ditto  
Near # 17504

17514 Fern  
Polygodium Near # 17504 ditto  
On tree trunk  
Silvery scales above, fringed and  
Tapping to heart scale ✓

17515 Shrub  
Small white flowers, ditto  
Near 17504

17516 Panicum  
# 17504 ditto  
Tall - reclining

17517 Low shrub -  
shiny red flowers ditto  
✓ Leaves, small, thick.  
On ledges etc near # 17504

Shrub. fl. red <sup>white</sup> leaves glabrous.  
Very attractive. In original  
17518 pine forest near Valle Nuevo  
at 5200 ft., Dec. 4, 1947  
H.A. Dillard.

17519 Shrubby  
fl. white  
Leaves thick, scabrous ditto  
Near # 17518

17520 Setaria  
Near # 17518 ditto

17521 Grass  
Agrostis s.  
Near # 17518 ditto

17522 Argyranthemum  
fl. yellow.  
Near # 17518 ditto

17523 Plantago major L. ditto  
On road side  
near # 17518  
at 5200 ft.

17524 Pilea  
Leaves dark green  
Erect or ascending. ditto  
Near # 17524

Pilea  
Creeping on bank. Dec. 4  
near # 17518 H.A.D.

17525

17526 Leafy stem on Rubiacum  
plant Siodia s.  
some for Pachology ditto  
Near # 17518

17527 Small fern  
On tree at foot mts.  
near Jarabacoa ditto  
at foot. Dec. 4

17528 Small fern - on tree trunk ditto  
Near # 17527.

17529 Mosses, hepatic  
on trees, etc. - ground etc.  
Near # 17518  
at 5000 to 5200 ft. Dec. 4.

17530 Fern. In moss  
on ground. ditto  
Near # 17529.

17531 Lycopodium  
ascending ditto  
Near # 17529



17532

Moss on tree trunk in  
deep, shaded ravine  
at 5000-5200 ft on  
road to Valle Vnoro, Dec. 4  
1947. H.A. Allard, ✓

17533

On trees near  
# 17532

ditto

17534

Moss on trees  
near # 17532 ✓

ditto

17535

Moss etc  
Near # 17532 ✓

ditto

17536

Moss on soil etc  
near # 17532 ✓

ditto

17537

Moss on trees  
etc. near # 17532 ✓

ditto

17538

Mosses, hepatics  
on wood, near # 17532 ✓

ditto

17539

Moss on soil  
Near # 17532

Dec. 4  
H.A.A.

✓

17540

Mosses on  
soil etc, near #  
17532 ✓

ditto

17541

Moss - at base of  
tree near # 17532 ✓

ditto

17542

Mosses on  
wood etc near 17532  
near # 17532

ditto

17543

Mosses on soil ✓  
etc

ditto near # 17532

ditto

17544

ditto ✓

Near 17532

ditto

17545

Mosses on wood ✓  
etc Near # 17532

ditto

Mosses, hepaticae  
collected on steep slopes of original V  
17546 pine forest near Valle Nuevo  
at 5000-5200 ft. Dec. 4 H.A.A.

17547 Mosses etc.  
near # 17546 ditto  
on soil etc. ✓

17548

ditto

✓

17549

ditto

✓

17550

Mosses

ditto

✓

17551

Mosses, Conostegia  
on road to Valle Nuevo ✓

17551a

Dec. 4, on rocks in brook  
algae at 3600 ft. Dec. 4

17552

Mosses, hepaticae  
near # 17546 Dec. 4. ✓

Mosses etc. on  
banks, ground etc.

17553

near # 17546

Dec. 4

H.A.A.

at 5000-5200 ft

17554

Mosses on soil  
etc. near # 17546 ✓

17555

Mosses on soil  
etc. Dec. 4 ✓

near # 17546

17556

Mosses on soil

ditto

near # 17546

17557

Mosses etc. on  
soil, banks etc. near # 17546 ✓

17558

Mosses etc.

near # 17546 ditto ✓

17559

Mosses etc.

ditto ✓



17560

Mosses etc  
on tree, soil etc  
on slope in original pine V  
forest near Valle Negro  
at 5000-5200 ft. Dec. 4  
Ha. Allen

17561

ditto

✓

17562

ditto

✓

17563

ditto

✓

17564

ditto

✓

17565

ditto

✓

17566

ditto

✓

17567

Mosses etc - leaf litter  
on soil - logs etc  
with # 17560 on  
near by. Dec. 4 V  
at 5000-5200 ft.

17568

ditto

✓

17569

ditto

✓

17570

ditto

✓

17571

ditto

✓

17572

ditto

✓

17573

ditto

✓

Mosses, hepatics collected  
at 5000 - 5200 ft. near

17574 Valle Nuevo. See 4 in ✓  
original pine forest, H. A. Allard

17575 ditto ✓

17576 ditto ✓

17577 ditto ✓

17578 ditto ✓

17579 ditto ✓

17580 ditto ✓

Mosses, hepatics  
(on earth, wood, dead) ✓

17581 trees etc., at 5000 - See 4  
5200 ft. near Valle. H. A. Allard  
Nuevo in original pine forest, also named and on steep slopes

17582 ditto ✓

17583 ditto ✓

17584 ditto ✓

17585 ditto ✓

17586 ditto ✓

17587 ditto ✓



Mosses, hepatics collected  
on slopes, in ravines near  
Valle Hermosa at 5000-5200 ft  
17588 Dec 4, 1947, H.A. Allard  
on logs, bark, ground etc. ✓

17589

ditto

✓

17590

ditto

✓

17591

ditto

✓

17592

ditto

✓

17593

ditto

✓

17594

ditto

✓

Mosses, hepatics  
on logs, ground, trees etc  
17595 near # 17588 Dec. 4. ✓

17596

Thin fern high in  
branches of tall forest  
tree, broad leaved  
Near # 17595 ditto

17597

Mosses,  
Near # 17588  
Dec. 4

✓

17598

ditto

✓

17599

ditto

✓

17600

ditto

✓

17601

ditto

✓

Mosses, hepatics collected  
near Valle Nuevo at 5000-5200 ft.  
in ravine and on slopes

17602 near highway to Valle Nuevo ✓  
Dec. 4, 1947. H.A. Allard

↓ ditto

17603 ✓

↓ ditto

17604 ✓

17604a leafy ✓

↓ ditto ✓

17605

↓ ditto

17606 ✓

17606a ✓

↓ ditto

17607 ✓

17607a leafy ✓

↓ ditto

17608 ✓

Mosses, hepatics

near # 17602

17609 at 5000-5200 ft. ✓  
near Valle Nuevo.  
Dec. 4  
H.A. Allard

↓ ditto

17610 ✓

↓ ditto

17611 ✓

17611a ✓

17612

↓ ditto

17613

↓ Mosses  
near # 17602  
Dec. 4

17614

Lycopodium  
Near # 17602  
Dec. 4 ✓

17615

Lycopodium  
Near # 17602 ✓



17616

M. onoz, hepatic  
in original pine forest  
near Valle Nuevo, ad H. Hallard  
5000 - 5200 feet  
on mountain sides, in spruce  
Dec. 4, near highway. ✓

17617

ditto

✓

17618

ditto

✓

17619

ditto

✓

17620

ditto

✓

17621

ditto

✓

17622

ditto

✓

M. onoz

near # 17616

Dec. 4

17623

at 5000 - 5200 ft.  
H. Hallard. ✓

17624

Bromeliads fl. purple  
near Jacoba <sup>red</sup>  
in tree (Javilla)  
Dec. 5, 1947 H. Hallard

17625

Bromeliads  
on same tree with  
# 17624 Dec. 5 ditto

17626

Bromeliads  
with # 17624  
on same tree Dec. 5 ditto

17627

Flower - on tree trunk  
near # 17616 - Dec. 4. ✓

17628

Small leaved plant  
not in flower, on tree trunk  
near # 17616 Dec. 4

17629

Paper - on tree trunk  
near # 17616 Dec. 4  
Leaves whorled in 4's

Small fern on tree trunks  
near Valle Nuevo 5000-5200 ft.  
near highway from Comana to Valle Nuevo  
Dec. 14, 1947, Y. R. W. H. L. Dec. 14  
Forest of original growth, ✓

17630 Paper, on bamboo  
Near # 17630  
Dec. 14 ✓

17631 form on tree trunks  
buds entire  
near # 17630 ✓

17632 Polypodium -  
on trees near # 17630 ✓  
Many small (scales) on upper surface  
of buds) Dec. 14

17633 Tiny fern on trees  
Near # 17630 ✓  
Dec. 14

17634 Small, entire leaved fern  
on tree trunks and branches  
near # 17630 Dec. 14 ✓

17635 Small, pinnate fern -  
on tree branches near  
# 17630. Dec. 14 ✓

Forest  
on tree trunks near # 17630  
Dec. 14 thick green  
fleshy stems only

17637 ✓  
17638 Small, entire leaved  
fern on tree near # 17630  
Dec. 14 ✓

17639 Bromeliad -  
on tree near # 17630  
rather broad leaves,  
Dec. 14 ✓

17640 Bromeliad on tree  
near # 17630  
very narrow leaves,  
Dec. 14 ✓

17641 Bracket fungi  
on tree near # 17630  
for path Dec. 14

17642 Bracket fungus  
on tree near # 17630 ✓  
Dec. 14

17643 Tiny fern  
on ledges near  
# 17630 in crevice,  
Dec. 14 ✓



17644

Frilly fern  
on rocks crevices on  
ledges near Valle Negro  
at 8000-8200 ft. Dec. 4 ✓  
on steep mountain slopes  
in original pine and cloud forest,

17645

Frilly fern on tall broad leaved  
tree far up on hill near # 17644.  
50-60 ft from ground, Dec. 4. ✓

17646

Lichens on bark etc  
near # 17644 ✓  
Dec. 4

17647

ditto ✓

17648

yellow fruticose lichen  
on tree near # 17644 ✓  
Dec. 4

17649

Lichens on trees  
near # 17644  
Dec. 4

17650

Lichen fruticose on  
bark of gorilla tree ✓  
near Jarabacoa, at 1600 ft,  
Dec. 5

17651

Lichens on rocks at 8000 ft,  
near Valle Negro - growing on  
rocks which green  
or nearly white.  
Dec. 4. H.A.G. ✓

17652

Cladonia on rocks  
with # 17651 ✓  
Dec. 4

17653

Lichens on trees ✓  
Punctelia etc.  
near # 17644  
Dec. 4

17654

Fruticose lichens  
on pine trees ✓  
near # 17644  
Dec. 4

17655

Lichens Cladonia (mats)  
on soil on banks  
in river. Dec. 4 ✓  
near # 17644

17656

ditto ✓

17657

ditto ✓

Lichens on naked  
spots in pine woods near  
Valle Muerto at 5200 feet.  
Dec. 4. J. A. Allmond. ✓  
In original pine forest.

17659 ditto

17660 ditto ✓

17661 ditto ✓

17662 ditto ✓

17663 Lichens on trees  
etc. Dec. 4  
Near # 17658 ✓

17664 yellow, fruticose  
lichen on trees  
near # 17658 ✓

Lichens on pine  
In original pine forest  
near # 17658 Dec. 4

17665

17666 ✓ fruticose <sup>lichen</sup> on trees

17667 ditto ✓

17668 ditto ✓

17669 ditto ✓

17670 ditto ✓

17671 Olive green  
fruticose lichen  
on pine tree near  
# 17658 Dec. 4 ✓



Lichens on trees etc  
near Valle Nuevo 5200 ft  
Dec 4 in original pine  
forest. H. Gallard. ✓  
in cloud forest.

17672

17673

17674

17675

17676

17677

17678

17679

17680

17681

17682

17683

17684

17685

Tree fern  
near # 17672  
Dec 4 ✓

ditto ✓

ditto ✓

ditto ✓

fern on  
tree near # 17672  
Dec 4 ✓

Polygodium

fern  
on tree near # 17672  
Dec 4 ✓

very small

Lichens on  
trees and soil  
near # 17672. Dec 4 ✓

Cladonia - red fruiting  
bodies on logs the near  
17686 Valle Nuevo at 5200 ft &  
Dec 14, in orig. pine forest.  
H.A.A.

17687 Same Cladonia  
Dec 4 near # 17686 ✓

17688 Cladonia  
Near 17686 ✓

17689 ditto Cladonia ✓

17690 ditto  
More  
Near # 17686 ✓

17691 Lichens on bark  
etc near # 17686 ✓

17692 ditto ✓

Lichens on  
trees etc., near # 17686

17693 Dec 4  
H.A.A. ✓

17694 ditto ✓

17695 ditto ✓

17696 ditto ✓

17697 ditto ✓

17698 ditto ✓

17699 ditto ✓



Lichens on bark etc  
at 5200 ft near Valle  
Nuevo, in orig. pine  
forest, in cloud zone ✓  
Dec. 4, 1947  
H.A. Allard

17700

17701

17702

17703

17704

17705

17706

ditto

ditto

ditto

ditto

ditto

ditto

✓

✓

✓

✓

✓

✓

Lichens on bark etc, near # 17700  
Dec. 4  
H.A. Allard

17707

17708

17709

17710

17711

17712

17713

ditto

ditto

ditto

ditto

ditto

ditto

✓

✓

✓

✓

✓

✓

Lichens on trees, barks etc  
in orig. pine forest at 5200 ft  
17714 near Valle Nueva  
Dec. 4, 1947 ✓  
Habitat land

17715

↓ ditto

✓

17716

↓ ditto

✓

17717

↓ ditto

✓

17718

↓ ditto

✓

17719

↓ ditto

✓

17720

↓ ditto

✓

Lichens on soil and  
forest floor debris - near  
17721 # 17714 Dec. 4 ✓

17722

↓ ditto

✓

17723

↓ ditto

✓

17724

↓ ditto

✓

17725

↓ ditto

✓

17726

↓ ditto

✓

17727

↓ ditto

✓

17728

Lichens on soil  
etc., near Valle Nuevo  
at 5200 ft., in orig. pine  
forest, Dec. 4, 1947  
H. A. Ballard

17729

ditto

✓

17730

ditto

✓

17731

ditto

✓

17732

ditto

✓

17733

ditto

✓

17734

ditto

✓

17735

Lichens on soil  
etc., near # 17728  
Dec. 4 ✓

17736

ditto

✓

17737

ditto

✓

17738

Trametes hibernica  
on trees near # 17728  
Dec. 4

17739

ditto

✓

17740

Lichens on soil  
Near # 17728  
Dec. 4

17741

ditto

✓



Cladonia on soil  
in orig. pine forest  
near Vally Negro ad  
17742 5200 ft. Dec. 4, 1947  
✓

17743

ditto Near #17742  
✓

17744

ditto

17745

ditto ✓

17746

ditto ✓

17747

ditto for Path  
Near #17742  
May be fungus  
(on wood) Dec. 4 ✓

17748

Lichens on bark etc  
Near #17742 ✓

17749

Lichens on rock  
in cloud forest near  
#17742 Dec. 4 ✓

17750

ditto ✓

17751

Fern - on tree  
near #17742  
Dec. 4 ✓

17752

Filmy fern  
on rock crevices on ledge  
near #17742 Dec. 4 ✓

17752a ✓

17753

Filmy fern high up  
on branch of tree (Dec. 4) ✓  
near #17742

17754

Mosses (many)  
Near #17742 Dec. 4 ✓

17755

Mosses (many)  
Near #17742 ✓

Hepatic - on bark  
at 5200 ft. near Valley Ymero  
17756 in cloud forest. Dec. 4. ✓  
In original pine forest. <sup>same</sup> land.

17757 <sup>Fishy fern</sup>  
In rocks and bark ✓  
near # 17756  
Dec. 4

17758 Lichens on soil.  
Near No 17756 ✓  
Dec. 4

17759 Cladonia  
On soil near # 17756  
Dec. 4

17760 Lichens on bark  
near # 17756 ✓  
Dec. 4

17761 Lichens on bark  
near # 17756. ✓  
Dec. 4

17762 Lichens on bark etc  
Near # 17756 ✓

Lichens on bark  
Near # 17756  
17763 Dec. 4 ✓

17764 Lichens on bark  
Cladonia on soil  
Near # 17756.  
Dec. 4

17765 Lichens on soil,  
bark etc. ✓  
Near # 17756  
Dec. 4

17766 Mosses  
on soil, tree etc. ✓  
Near # 17756 Dec. 4

17767 Lichens  
Piedra Blanca  
Nov. 5, 1947. H.A. Allard

17768 Lichens on  
leaf, Piedra Blanca ✓  
Nov. 5, 1947.  
H.A. Allard

17769 Promeliad in  
tree near Garabaroa  
Dec. 5 - (with 17624, on same tree) ✓



Heater - on soil in  
cloud forest at 5200 ft. near Valle Nuevo  
177770 Dec 4, 1947, in original  
pine forest. H. A. Allard.

On knob or ~~large~~ <sup>small</sup> ridge Piedra  
blanca (South) in ravine etc. 1000-1100 ft.  
177771 in altitude. Dec 10, 1947  
H. A. Allard.

Parasite in dense clusters on legume  
tree near Goodrich rubber grove  
on Luga laurel, a legume.

177772 Tree at rubber grove near  
Goodrich plantation; cut & dried  
some years ago from Puerto Rico.  
fl. drying yellow, in terminal  
panicles.

177773 False banana - a large herb  
with huge erect yellow flowers  
↓  
uplike in one place. In deep  
ravine at 1000-1100 feet; 15-20 feet tall.

177774 Shrub near # 177773  
Berries dark blue black -

177775 Piper.  
↓  
In ravine, heavily wooded,  
with # 177773

177776 Slender climbing fern  
clinging to tree trunks by roots  
appressed to itself to trunk - 10-15  
ft. tall. In ravine with # 177773.

House on logs, in  
in deep, damp, shaded ravine  
177777 near # 177773, Dec 10

✓  
177778 *Styrax latifolia*, at 1100 feet  
in ravine near # 177773.

177779 Climbing, scrambling bamboo-like  
Near # 177778 - In ravine,

177780 Tall shrub, 7-15 ft; fl. yellow  
near # 177778 Dec 10

✓  
177781 Shrub. On edge of  
woods near # 177778; fl. yellow,

✓  
177782 Scrambling, climbing shrub;  
fl. white, near # 177778.

✓  
177783 Smilax-like climber, fl. yellowish  
near # 177778,  
fl. red, - is it a derivative?



Pepper - solanum - ripe fruit red, very hot. at edge of thicket at 1100 ft. &  
17784 Dec. 10. on knob 1100 ft. - alt. beyond Goodrich rubber grove near Piedra Blanca. H. A. Wood  
Tall shrubby - near #17784

17785

17786 vine - fl. crimson, decaying;  
near # 17784.

17787 Composite, fl. greenish.  
J at top of knob at edge of planting, near # 17784

17788 fl. greenish white - Near  
# 17784 at edge of clearing.  
J Composite

17789 Tiny beautiful mushroom,  
all gills pure cream with red or magenta lines. on leaf mold on trail to rubber grove (Goodrich) near Piedra Blanca. Dec. 10

17790 Shorssea; fl. deep rose,  
common along trail near  
17789

Tall shrubby legume -  
fl. purple. On experimental  
17791 grounds at Piedra Blanca  
rubber station; introduced  
J and thriving. For stock food.

17792 Tall legume introduced from  
southeast tropics. fl. purple -  
J for stock. Near # 17791.

17793 Tall shrubby legume  
introduced from southern  
J tropics; near # 17791. fl. reddish  
purple.  
For stock.

17794 Narrow fronds - fern  
on tree in deep ravine at  
1000 - 1100 ft near # 17784 ✓

17795 Rattle plant - On sides  
of steep ravine near # 17784  
Dec 10  
just flowering

17796 Pilea trailing, in deep  
ravine near # 17795,  
Dec 10  
J

17797 Lichens on leaves in  
deep ravine near # 17796  
Dec 10 ✓

Lichens on people of forest  
in deep ravine on bank at 1000 ✓  
17798 to 1100 feet high - beyond Piedra Blanca  
rubbish ground at Piedra Blanca  
Dec. 10. H. A. Allard 1794

Lichens on leaves  
near # 17798 ✓  
17799

17800 Mosses, hepatic in  
deep, dark ravine on soil, logs ✓  
bark etc at 1000 to 1100 ft near  
# 17798

17801 ditto - on tree ✓

17802 ditto on tree ✓

17803 ditto ✓

17804 ditto ✓

<sup>Lepidogium</sup> Mosses on bark, logs etc  
with # 17800 Dec. 10  
H. A. Allard

17805 ✓

17806 ditto ✓

17807 ditto ✓

17808 ditto on bark, ✓

17809 ditto on tree etc ✓

17810 ditto ✓

17811 ditto ✓

Mones, hepatic in dar, red  
ravine on knob beyond SW. of  
Goodrich rubber grove at Hydra  
17812 Blanca - at 1000 to 1100 feet  
Dec. 10, 1947. Haa.

ditto - on log

17813

✓

17814

ditto  
on soil in very  
heavy shaded ravine ✓

17815

ditto on soil etc. ✓

17816

ditto

✓

17817

ditto

✓

17818

ditto

✓

Oporosa, hepatic near  
# 17812

17819

✓

17820

ditto

✓

17821

ditto

✓

17822

ditto

✓

17823

ditto

✓

17824

ditto

17825

ditto

17825a lichen ✓

✓



Mosses, hepatic  
on logs, soil, back of trees  
etc. in deep, wet places on  
17826 knob S.W. of Piedra Blanca  
rubber grove Jul 1000 - 1200 H. Dec. 10

17827 ditto

✓

17828 ditto

✓

17829 ditto

✓

17830 ditto

✓

17831 ditto

✓

17832 ditto

✓

Near # 17826 Same date  
data  
Dec. 10

17833

17834 ditto

✓

17835 ditto

✓

17836 ditto

✓

17837 ditto

✓

17838 ditto

✓

17839 ditto

✓

17839a ditto

✓

Mosses, hepaticae  
on herb at 1000-1200 feet in  
17840 deep ravine South head V  
of Goodrich rubber grove at Pinedale  
Blanca, Dec. 10. H.A. Allard

17841 ditto V

17842 ditto V

17843 ditto V

17844 ditto V

17845 ditto V

17846 ditto V

Year 17840  
Mosses, hepaticae  
same date data

17847 V

17848 ditto V

17849 ditto V

17850 ditto V

17851 ditto V

17852 ditto V

17853 ditto V

Mosses, hepaticae collected on  
Loma or knoll S.W. of Goodrich rubber  
grove at 1000-1700 ft in deep  
17854 ravines. Dec. 10, 1947  
H.A. Allard

17855 filmy fern  $\frac{3}{4}$  on trunk  
near # 17854 ✓ ✓

17855a  
17855 fern ditto ✓

17856 young manzanilla palm  
(See Morocco) near # 17854  
Dec. 10

17857 Mosses - hepaticae with  
# 17854 ✓

17858 ditto ✓

17859 ditto ✓

17860 filmy fern  $\frac{3}{4}$   
near # 17854 ✓  
17860a fern ✓

Mosses hepaticae with  
# 17854 Dec. 10, 47  
H.A.A.

17861 ✓

17862 ditto ✓

17863 ditto ✓

17864 ditto ✓

17865 ditto ✓

17866 ditto ✓

17867 ditto ✓



Monoec, Euphorbia collected  
 on Loma or knob in the rain forest  
 S.W. of Goodrich rubber grove, Piedra  
 Blanca, Dec. 10, 1947  
 at 1000/-1100 ft. 9.30 a V

17869 ditto V

17870 ditto V

17871 ditto V

17872 ditto V

17873 ditto V

17874 ditto V

Monoec, Euphorbia  
 near # 17868  
 same date etc

17875 V

17876 ditto V

17877 ditto V

17878 ditto V

17879 Pilea  
 in same or bank with  
 # 17868 V

17880 near Lichens on bark  
 near # 17868. V

17881 Lichens on fern pinnae  
 near # 17868 V

White bracketed fungi on log  
in deep ravine s.w. of Goodrich &  
17882 (under pine) Pileas Paloma  
at 1000-1100 ft on Tuleona. ✓  
for path Dec. 10. 1947

17883 Mosses, hepaticae  
near # 17882. ✓

17884 ditto ✓

17885 Hepaticae on bark of  
big mango tree at Ciudad ✓  
Trujillo Dec. 13, 1947

17886 Mosses, hepaticae on  
coral rock, trees etc, west of  
Ciudad Trujillo in high place. ✓  
Dec. 14, 1947 H.A. Allard,

17887 On bark. ✓

17888 ditto On dead wood ✓

Mosses, hepaticae on  
lead ore. near etc  
17889 near # 17886 - all on  
coral rock formation ✓ same date  
etc,

17890 ditto ✓

17891 ditto ✓

17892 ditto ✓

17893 ditto ✓

17894 white lichens on bark  
near # 17886 Dec. 14 ✓

17895 Green lichens on  
tree, near # 17886 ✓ ditto

Lichens on trees, rocks etc.,  
on coral rock formations west of 40.9  
17896 Ciudad Tonijillo. ✓ Dec. 14, 1947

17897

ditto

✓

17898

ditto

✓

17899

ditto

✓

17900

ditto

✓

17901

ditto

✓

17902

ditto

✓

17903

Yarrow, hepatic  
on bark of trees etc.,  
near # 17896 ✓ Dec. 14

17904

Lichens near # 17896

✓

17905

ditto

✓

17906

ditto

17907

ditto

✓

17908

Mosses, hepatic  
near # 17896, ✓ Dec. 14

17909

ditto

✓



Mosses, hepatic on bark etc.,  
on coral rock formation near  
17910 of Ciudad Trujillo, Dec. 14

17911 ditto

17911

✓

17912 Lichen - black, near  
# 17910 Dec. 14 ✓

17913 Mosses, hepatic on bark  
of strangling fig - near #  
17910 Dec. 14 ✓

17914

ditto

✓

17915

ditto

✓

17916

ditto

✓

lichen, yellow on trunk of  
tree near # 17910. Dec. 14

17917

✓

17918

ditto

✓

17919

ditto

✓

17920

ditto

✓

17921

Mosses, hepatic  
living on bark near # 17910 Dec. 14 ✓

17922

ditto

✓

17923

on guilla tree  
Lichen vespertinus ✓

Mosses, hepatics on trees  
etc west of Ciudad Trujillo  
on coral rock formations V  
Dec. 14, 1947 H.A.G.

17924

ditto

17925

17926

ditto V

17927

ditto V

17928

Lichen on bark etc  
- white - V

17929

Lichen near # 17924 V

17930

ditto V

Lichen on trees near  
# 17924 Dec. 14

17931

V

17932

Hepatics, mosses  
on bark near # 17924  
V Dec. 14

17933

ditto V

17934

ditto V

17935

ditto V

17936

Lichen near # 17924  
Dec. 14. On tree V

17937

Mosses, hepatics on  
coral rock - Dec. 14  
L

Mosses, lichens on coral  
rock outcrop west of Ciudad  
Trujillo Dec. 14, 1947  
17938 H.A. Allard

17939 Lichen or fungus on  
leaf, west of Ciudad ✓  
Trujillo, near # 17938 Dec. 14  
for Path

17940 Tree with leaf spots -  
for Path. Near # 17938  
✓ Sp. of shrub? Dec. 14

17941 Sp. of very tall, common tree,  
ca. 10 ft. near # 17938  
Dec. 14

17942 Same as # 17940  
with leaf spot  
near # 17938

17943 Solanum  
6-8 feet tall.  
✓ Near # 17938

17944 Rhacopiloid - common  
entirely white from white  
floss, in lawn Ciudad Trujillo,  
Dec. 15, 1947. H.A.A.

Shrub (low) common, used for  
incense - called Escoba de puerco  
17945 fl. yellow, Petra Blanca - at bridge,  
Dec. 17, 1947, H.A. Allard

17942 Is this Coccoloba venosa

common  
# 17945  
to near # 17945

f - pipew  
17945

toidez  
for experimentally  
us. for escape  
rifle Dec. 17  
in trees.  
H.A.A.

on trail  
in grass  
called  
"steep" because  
has leaf spot  
see -

ling, fl. white  
purple lines  
in thickets near # 17949

17951 Tree near road with rubber grove;  
fl. deep rose if fragrant; upper petals common  
✓ blotched and lined. =  
sp.

Dec. 17



Mosses, lichens on coral  
rock outcrop west of Ciudad  
Trujillo Dec. 10, 1947  
17938 F.A. Allen

17939 Lichens, fungus on  
leaf - west of Ciudad ✓  
Trujillo, near # 17938 Dec. 14  
for Path

17940 Tree with leaf spots -  
for Path. Near # 17938  
✓ Sp. of shrub? Dec. 14

17941 Shrub, very tall, cream frag.  
8-10 ft. Near # 17938  
Dec. 14

17942 Leaves of # 17940  
with leaf spot  
near # 17938

17943 Solanum  
6-8 feet tall.  
✓ Near # 17938

17944 Phoradendron - common,  
erect, woody, green, white  
fls. in dense Ciudad Trujillo,  
Dec. 15, 1947. F.A.A.

Shrub (low) common, used for  
mosaics - called Escoba de puerco  
17945 Fl. yellow, Piedra Blanca - ex bridge,  
Dec. 17, 1947, F.A.A.

17946 Shrub 4-5 ft; fl. cream  
very showy. Near # 17945  
✓ in moist thickets near # 17945

17947 Trailing over shrub - pipew  
in woods near # 17945

17948 Pueraria phaseoloides  
✓ In fields at rubber experiment  
station - Piedra Blanca. An escape  
everywhere. fl. purple Dec. 17  
climber 25-30 feet in trees.  
H.A.

17949 White flowered - on trail  
near Goodrich rubber grove  
near Piedra Blanca - called  
Juana la Blanca, steep dense, wood  
17950 in living trunks. No leaf spot  
See -

✓ Centrosema - high climbing, fl. white  
turning cream; standard with purple lines  
in thickets near # 17949

17951 Tree near Goodrich rubber grove;  
fl. deep rose; fragrant; upper petals crimson  
✓ blotched and lined. sp.  
Dec. 17

At Goodrich rubber station  
Piedra Blanca near house built  
for oreiller; scrambling - very  
beautiful vine. <sup>smaller</sup> ~~very~~ <sup>smaller</sup>  
from Piedra Blanca - Dec. 17, 1917. H.A. Allard

Low shrub - on trail  
near # 17952. Dec. 17,  
17953 Has long fruit - see -

17954 Fern. <sup>smaller</sup> ~~large~~ <sup>smaller</sup> ~~large~~ near  
Goodrich rubber grove - Dec. 17

17955 High climbing woody vine  
with large pods on rambling branches  
peduncles & leaves large - ojo de paca -  
Macuna urens Harv. & Rendle (?)

17956 Paper - fruiting. On moist covered  
stump in deep woods in ravine  
near # 17954. Dec. 17.

17957 Fruticose lichens in top of  
enormous Algarroba tree fallen,  
in deep wooded ravine near Goodrich  
rubber groves near Piedra Blanca Dec. 17, 1917  
H.A. Allard

17958 Hepatic or moss on tree  
trunk near # 17957, lower leaves  
when dry; often green - greatly when  
moist and very beautiful. V

Mosses on tree trunk  
near # 17957. same date  
17959 data

17960 Tubing fern. on tree trunk  
in dark ravine with brook -  
on trail to Goodrich rubber grove,  
Dec. 17, 1917 H.A. Allard

17961 Mosses hepatic on tree.  
logs etc., near # 17957. ditto  
Dec. 17

17962 Mosses on fall log,  
near # 17957 Dec. 17 ditto  
L

17963 Mosses, hepatic on  
bark of tree etc. Dec. 17  
near # 17957 V

17964 ditto V

17965 ditto V

Mosses, hepatic in  
ravine near Piefra Blanca -  
near Goodrich rubro. grass  
on trees, lost Dec. 17, 1947. N. A. & V

17966

ditto

✓

17967

ditto

✓

17968

ditto

✓

17969

ditto

✓

17970

ditto

✓

17971

✓

17972

Mosses, hepatic  
near # 17966 same date,  
etc.

17973

✓

17974

ditto

✓

17975

ditto

✓

17976

ditto

✓

17977

ditto

✓

17978

ditto

✓

17979

ditto

✓



Mosses, hepatic on bark,  
trees etc. in ravines near  
Piedra Blanca, near Goodrich

17980 Rubber quercus, Dec. 17, 47

H. A. Allard

ditto

17981

ditto

17982

ditto

17983

ditto

17984

ditto

17985

ditto

17986

Mosses, hepatic  
near # 17980

same date,  
data

17987

ditto

17988

ditto

17988a

17989

ditto

17990

ditto

17991

ditto

17992

ditto

17993

ditto

Mosses, hepatic in ravines  
near Piedra Blanca near and around,  
Goodrich Butte, Groses, Dec. 17, 47

17994

✓ H. A. Allard

ditto

17995

✓

17996

ditto

✓

17997

ditto

✓

17998

ditto

✓

17999

ditto

✓

18000

ditto

✓

Mosses, hepatic  
on trees, bark etc., near

18001

# 17994

Dec. 17

✓ H. A. Allard

18002

ditto

✓

18003

ditto

✓

18004

ditto

✓

18005

ditto

✓

18006

ditto

✓

18007

ditto

✓

Mosses, hepaticae on trunks  
of trees, logs etc., in wooded ravines,  
near and around Piedra Blanca, ✓  
18008 near Goodrich mill on grass Dec. 17  
H. A. Allard

18009 ditto ✓

18010 ditto ✓

18011 ditto ✓

18012 ditto ✓

18013 ditto ✓

18014 ditto

Mosses, hepaticae  
near # 18008. Dec. 17, '17  
H. A. Allard

18015 ✓

18016 ditto ✓

18017 ditto ✓

18018 ditto ✓

18019 ditto

18020 ditto ✓

18021 ditto ✓



Lichens etc.  
on logs, bark of trees etc  
near Predsa Blaua, in deep  
18022 wooded ravine near Goodrich  
rubber grove, Dec, 17, 1947  
H.A. Allard. ✓

18023 ditto ✓

18024 ditto ✓

18025 ditto ✓

18026 ditto ✓

18027 ditto ✓

18028 ditto ✓

Lichens on tree logs  
etc., near # 18022. Dec, 17, 47  
H.A. Allard, ✓

18029

18030 ditto ✓

18031 ditto ✓

18032 ditto ✓

18033 ditto ✓

18034

Mosses, hepatics  
near # 18022 Dec, 17,  
✓

18035

Orchid. on tree  
near # 18022, Dec, 17  
✓

Flower and leaf of *Durtelemaria*  
pipe vine - all good - near  
18036 Goodrich rubber grove - on trail  
from Piedra Blanca, Dec. 17, 47  
very odd.

Small plant of *Thamnia*  
or *Jacquinia* - West of Ciudad  
18037 Trujillo in thickets,  
Dec. 19, 1947.

Long, narrow bracts of fern  
18038 *Phlebodium* near cave, Dec. 21, 1947  
Two large fronds on rock cliff  
west of Ciudad Trujillo ✓

Moss on dead stump  
18039 near # 18038 Dec. 21  
✓

Moss, *Lepidoptera*  
18040 near # 18038, on coral  
outcrop, cliffs ✓  
18040a L

18041 ditto ✓

18042 ditto ✓

Vine on coral on ledge  
and cliffs near # 18038  
18043 Dec. 21,

Moss, *Lepidoptera* on  
bar logs near # 18038  
18044 Dec. 21, in ravine, at  
big cave in coral area west of  
Ciudad Trujillo

18045 ditto ✓

18046 ditto

18047 ditto ✓

18048 ditto ✓

18049 ditto ✓

Mosses, hepatic in  
logs, etc. ~~near~~ big caves  
18050 in coral rock north of Ciudad  
Tanguillo Dec. 21, 1947  
(on dead wood logs) ✓

18051 Mosses <sup>coral north</sup>  
near # 18050 ✓

18052 mosses on coral north  
near # 18050 ✓

18053 On bark near base of  
vanilla tree near # 18050 ✓

18054 ditto ✓

18055 ditto ✓

18056 ditto ✓

Mosses, hepatic on mbr  
(coral) near # 18050  
Dec. 21 ✓

18057

ditto ✓

18058

18059

Leaf with thin  
cushes on upper surface ✓  
near # 18050

18060

Bracketed fungi (white) ✓  
on old log near # 18050

18060a

ditto ✓  
Dec. 21, L

18061

Mosses, hepatic on  
coral cliffs near # 18050 ✓  
Dec. 21

18062

Lichens also  
ditto ✓

18063

ditto ✓



Mosses, hepaticae det.  
on coral cliff outcrops in ravine  
abundant near Cliff Cinctad ✓  
18064 Triflor. Dec. 21, 47 200.

18065 ditto Near # 18064

18066 ditto ✓

18067 ditto ✓

18068 ditto ✓

18069 ditto ✓

18070 ditto ✓

18071 Mosses, hepaticae ✓  
on coral rocks. with V  
# 18064 Dec. 21

18072 ditto ✓

18073 ditto ✓

18074 ditto ✓

18075 Lichen Mosses, hepaticae ✓  
on bark of tree Dec. 21  
near # 18064.

18076 ditto ✓

18077 ditto ✓

Balsam de Indio - Tall  
thin, woody vine, along  
Miguelon, river near bridge

18078 Piedra Blanca, Dec. 23, 47

✓ *Gouania lupuloides* (L.) Wrb.

18079 Same - (enormous pods) in  
near # 18078 - fl. in short, dense  
greenish, prickly

18080 Pipe vine - leaves of  
# 18036. Near Goodrich  
rubber grove on trail - Piedra  
Blanca, Dec. 23.

18081 Vine; fl. yellow  
in pine forest north of Piedra  
Blanca on slope. Dec. 23.

18082 Vine (woody) near # 18081  
fl. greenish Dec. 23  
near # 18081

18083 Composite; fl. yellow  
in pine forest near # 18081

18084 fl. yellow  
in pine forest near # 18081

Shrub; fl. white, in pine  
forest near # 18081 Dec. 23

18085

✓ Shrub; fl. yellow  
in pine forest near # 18081,  
Dec. 23.

18087 Tree - tall -; fruit green  
- large panicles.  
on trail to rubber grove Goodrich  
beyond Piedra Blanca. Dec. 23

18088 Large; fl. pink  
in thickets near # 18087.

18089 Black fruit on underside  
guava leaves; near # 18087,  
Dec. 23  
all on some trees

18090 Epiphytic Palea; on orange  
✓ tree in woods near # 18087  
Dec. 23

18091 Bromeliad - on Calathea  
tree in woods near # 18087  
Dec. 23

Lichens on leaves of Dec, 23  
Cleria

18092

On leaves of *Calceolaria* in thickets on trail to woods in upper part of forest. *Calceolaria* (P. Paula)

18093

Orchid on *Calceolaria* (Black Summit of leaves) on tree, Near # 18092. ✓

18094

Orchid. fl. pinkish red dots, Summit on leaves; same as # 18093. On same tree ✓

18095

Orchid - on tree with # 18093 ✓

18096

Epiphytic *Pilea*, on top of same tree with # 18093. Leaves thick, dark green,

18097

Orchid; small white fl., on same tree with # 18093.

18098

Traces of # 18099 with suit beneath for Path. Near # 18092

18099

Bl. white, in thickets with # 18092 Dec, 23,

18100

(Rust on undersurface of leaves of plants) of *Pilea* on old log and stump; near # 18092

18101

Lichens on leaves of *Rourea rosea*. ✓ Near # 18092, Dec, 23

18102

Shrub; fl. yellow 3-4 ft. in damp woods near # 18092, Dec, 23 ✓

18103

Yucca-like on trees, logs etc. in woods and ravines near Piedra Blanca Dec, 23, near # 18092 -

18104

ditto ✓

18105

ditto



Mosses, hepatic on trees, stumps  
etc. west of Piedra Blanca in ravines  
etc. Dec. 23, 1947. K. A. Allard

18106

✓ ✓

18107

ditto

✓

18108

ditto

✓

18109

ditto

✓

18110

ditto

✓

18111

ditto

✓

18112

ditto

✓

Mosses, hepatic on trees  
# 18100 Dec. 23

18113

✓

18114

ditto

✓

18115

ditto

✓

18116

ditto

18117

ditto

✓

18118

ditto

18119

ditto

✓

18120

Mosses, lignum vitae in  
large trees etc. in ravines  
on slopes etc. near Opa  
Haua Dec. 23, 1911, 1912

✓

18121

ditto

✓

18122

ditto

✓

18123

ditto

✓

18124

ditto

✓

18125

ditto

✓

18126

ditto

Mosses, lignum vitae  
near # 18120 Dec. 23

18127

✓

ditto

18128

✓

18129

ditto

✓

18130

ditto

18131

ditto

✓

18132

ditto

✓

18133

ditto

✓

Mosses, *Liverwort* in  
rains, on clafes, - on trees, logs  
Dr., west of Piedra Blanca  
Dec. 23, 1947. H.A. V

18134

ditto

18135

ditto

18136

ditto

18137

ditto

18138

ditto

18139

ditto

18140

Mosses, *hepatula* near  
# 18134 Dec. 23

18141

ditto

18142

ditto

18143

ditto

18144

ditto

18145

ditto

18146

ditto

18147



Mosses, hepaticae on logs, bark  
etc. near Piedra Blanca in  
Sierra de Dec. 23, 1947  
H.A. G. Lloyd

18148

18148a *lignum* ✓

18149

ditto

✓

18150

ditto

18151

ditto

✓

18152

ditto

18153

ditto

✓

18154

ditto

✓

Mosses, hepaticae near  
# 18148 Dec. 23

18155

✓

18156

ditto

✓

18157

ditto

✓

18158

ditto

✓

18159

ditto

✓

18160

filmy fern  
on trees in ravine  
near # 18148, Dec. 23 ✓

18161

Fern - short oblong  
bracts, on tree near  
# 18148, Polypodium? ✓  
Dec. 23

Mosses - hepatic  
on logs, trees etc. near of Piedra Blanca  
in ravines etc. ✓

18162

Dec. 23, 1947, H. A. G.

Lichens -  
on trees, logs etc.  
near #1 18162

18163

✓

18164

ditto

✓

18165

ditto

✓

18166

ditto

✓

18167

ditto

✓

18168

ditto

✓

Lichens -  
near #1 18162 Dec. 23

18169

✓

18170

ditto

✓

18171

ditto

✓

18172

ditto

✓

18173

ditto

✓

18174

ditto

✓

18175

ditto

✓

slate Purple fungus (flat) on  
bark - in woods on tree  
18176 near Piedra Blanca - V  
Jan. 23, 1947

growing on roots of oak  
bark of tree near # 18176

18177 Dec. 23, 1947 ✓

18178 weed in Allard's lawn, Ciudad  
Trujillo, long - ascending - 8-12  
inches tall, with small purplish blue  
flowers, presumably an *Geranium*.  
Dec. 24, 1947

18179 Needs of 4-5 lined pine  
*Pinus occidentalis* var. with  
one or two yellow spots on the needles.  
(from Piedra Blanca) Dec. 23, 1947 ✓

18180 Fungus spots on cacao  
bark - Piedra Blanca, Dec. 23,  
fruit white - sprinkled with  
spots ✓

18181 *Dioscorea* - so-called?  
fl. red, pendent like *Polka* -  
at Alcazar Colon - tall tree, shrubby,  
Dec. 28, 1947 - Ciudad Trujillo ✓

18182 Legume - tree Ciudad  
Trujillo - ~~poor~~ flat -  
see photo. Dec. 28, 47 H.A.G.

Grass - fl. purplish blue  
Roadside west of Ciudad  
Trujillo Dec. 28, 1947 H.A.G.

18183

18184 trailing & climbing; fl.  
pure white, even in throat  
west of Ciudad Trujillo  
by roadside - Dec. 28, 47  
H.A.G.

18185 *Setaria* - low - at  
foot of Loma Campana - 1200 feet -  
Dec. 31, 1947 - *Alachua*  
For stomach (stuffed)

18186 *Conoclinium* - near # 18185  
shrub - January 1 ditto

18187 Along Los Platanos, Rio -  
at 1200-1300 feet - January 1, 47 ditto  
Tall shrub or small tree  
fl. small whitish

18188 Fern - in canyon or ravine of  
Los Platanos Rio -  
Jan. 1, 1948 - at 1200 feet, ✓  
[1948]

18189 Near # 18188 - Fern -  
like shield fern, ditto  
Jan. 1  
✓



Legume - fl. scarlet - shrub, woody,  
In shrine of San Platanos Rio  
at foot of Loma Campana  
18190 at 1200-1400 ft. Jan. 1, 48  
H.A.C.

18191 Orchid on tree - near  
# 18190 Jan. 1, 48

18192 White fungus on bark of  
tree, near # 18190; luminous  
in dark!  
✓

18193 Orchid on tree Dec. 31, 47  
On Loma Campana  
fl. very tiny, crimson.  
at 3000 feet. H.A.C.

18194 Climbing fern - In orig. forest  
near # 18193 - Dec. 31, 47  
✓

18195 Top of Loma Campana  
at 3400 ft. Dec. 31, 47  
In orig. forest. H.A.C.

18196 Smilax. with # 18195  
✓ ditto

in sedge, shrub, on top of Loma Campana,  
Dec. 31, 47  
H.A.C.

18197  
✓ ditto  
18198 with # 18197 - shrub  
fl. reddish

18199 shrub on all trees;  
fl. greenish. Near # 18197 ditto

18200 Mosses, hepaticae etc  
on trees near # 18197 ✓ ditto

18201 Shrub; fl. dull yellow  
Top of Loma Campana 3400 ft  
with # 18197 ditto

18202 Sterile shrub - Top of  
Campana. Dec. 31, 47  
near # 18197

18203 Shrub; near # 18202  
berries wine red ditto

Top of Loma Campana, at  
3400 ft in universal cloud and  
rain forest Dec. 31,  
18204 Shrub: flowers dull yellow

18205 Shrub: flowers, ditto  
near # 18204

18206 Fern on tree trunk near  
# 18205. ditto

18207 Climbing: Piperaceae  
Dec. 31, Near # 18205 ditto

18208 Hepaticae?  
On leaf: near # 18205 ditto

18209 Mosses, hepaticae  
on tree near # 18205 ditto

18210 Fern frond found on  
trunk of tree near ground  
near # 18205 ditto

Piperaceae  
climbing up trees  
Near # 18205 - top at 3400 ft  
Dec. 31. 47  
H.A.G.

18211

18212 Hepaticae on leaf of  
# 18211: Dec. 31, 1947 ditto

18213 Shrub -  
Near # 18211 ditto

18214 Shrub or small tree  
Near # 18211 ditto

18215 Shrub: fl. cream colored  
near # 18211 ditto

18216 Grass; at top near # 18211 ditto

18217 Moss: bamboo-like,  
called Titici, near # 18211 ditto  
High scrambling.



7 of Loma Campana, 3400 ft, in  
spring, cloud and rain forest Dec, 31, 47

18218 fl. yellow. H.C.A.

✓ Bouraco ? native name  
Cowan eat it. Shrub.

18219 Tree - Very thick, dark green  
shiny leaves. fl. 10-12 in  
a cup-shaped continuous bract ditto.

18220 Fern on tree trunk  
near # 18218 ditto

18221 Mosses, Red hepatic etc  
on trees near # 18218 ditto

18222 Orchid on tree  
near # 18218 ditto

18223 Filmy fern; pendent from  
trees near # 18218. in cloud forest. ditto

18224 ferns at base of tree  
on top of Loma Campana  
near # 18218 ditto

Hepatic etc. on Loma  
of fern # 18224 - and  
other bryophytes

18225 Near # 18218 Dec, 31, 47  
H.C.A.

18226 Shrub; fl. red; attractive  
longer purple bark  
at 3100 ft on Loma Campana.  
Dec, 31,

18227 Shrub; fl. cream  
with # 18226 at 3100 ft. ditto

18228 Orchid - on trees  
at 3100 ft, Dec, 31  
with # 18226 ditto

18229 Composite - shrub  
near # 18226 ditto

18230 Orchid on trees  
near # 18226 ditto

18231 fern. on tree  
near # 18226 ditto



- On slope of Loma Campana  
at 3100 feet in clouds and rain  
forest; diffused forest;  
Dec. 31, 1947. 18232  
terrestrial orchid; plant.
- 18233 Legume; fl. crimson  
Near # 18232. ditto
- 18234 Creeping at base of tree  
etc. near # 18232 ditto
- 18235 Piperaceae  
climber on tree trunk  
Near # 18232; ditto  
Leaves very thick, leathery or rubbery.
- 18236 Shrub at 2500 feet on  
slope of Loma Campana Dec. 31  
at 2500 feet
- 18237 Prickly-leaved shrub  
near # 18236 ditto Dec. 31
- 18238 Shrub; fl. red. near  
# 18236 ditto  
Dec. 31

- Shrub; near # 18236  
Same data  
etc.
- 18239
- 18240 climbing fern on tree  
trunk near # 18239. ditto  
18240<sup>2</sup>
- 18241 Piperaceae?  
Near # 18239 ditto  
near # 18
- 18242 Terrestrial orchid  
in primary forest near  
# 18239 ditto
- 18243 Vine with dense  
of crimson flowers and leaves,  
thick green leaves. Near  
# 18239. ditto
- 18244 Shrub - berries blue  
near # 18239 ditto
- 18245 Rusty mushrooms  
on log; near # 18239 ditto

Piperaceae

On slope of Loma Campana

- 18246 In orig forest (cloud and rain forest) Dec. 31, 47  
at 2500 feet, H.A.A.

- 18247 Piperaceae 2  
leaves dark green, thick ditto  
growing on logs, tree  
bark trunk etc near # 18296.  
bark translucent white (see)

- 18248 Piperaceae  
Long spikes, near # 18246 ditto  
On bank at 2500 ft

- 18249 Fern. On bank in  
wings near # 18246 ditto

- 18250 white, thin mushrooms  
on log near # 18246 ditto

- 18251 Bromeliad in place  
on tree at 1400 feet  
on Loma Campana Dec. 31 ditto

- 18252 Fern. on bank  
near # 18251 in  
ravine, Dec. 31 ditto

Fern. on bank in ravine  
on slope of Loma Campana, V

- 18253 In primary forest  
Dec. 31, 1947 at 2500 ft,  
H.A.A.

- 18254 Piperaceae, logs etc  
On bank, logs etc  
near # 18253 ditto

- 18255 Shrub, very heavy leaves;  
leaves with dark green  
blotch on upper third beneath,  
near # 18253 ditto

- 18256 Orchid  
On tree etc; near # 18253 ditto

- 18257 Shrub. at 2500 ft;  
berries red; near # 18253 ditto

- 18257a Fern V ditto

- 18258 Mosses, Lycopodium V  
on trees etc. near # 18253 ditto

- 18259 Lichens on leaves  
near # Piesha Blanca V ditto  
near Maimon River, Dec. 30, 1947



Bryophyte on dry  
slope of Loma Campana,  
in primitive forest. Dec. 30/17  
18260 at 2500 ft. H.O.A.

✓  
18261 Along Rio Platano road  
of Loma Campana -  
Jan. 1, '18 H.O.A.  
✓ fl. yellow

18262 at 1200 ft at foot of Jan. 1/18  
Loma Campana in  
holier yard; = dry soil  
(south. side) very sweet to taste; no odor  
✓

18263 Miconia -  
Near # 18262, Jan. 1, '18  
✓

18264 Mistletoe. Hanging from  
tree! near # 18262. ditto  
✓

18265 Shrub; fl. white to pinkish  
Near # 18262 ditto  
✓

18266 Shrub; fl. white  
Near # 18262 ditto  
✓

~~Loma Campana~~ Cul subvillita - med  
for berberia - steep - taken  
internally  
18267 fern, growing on rocks in Jan.  
ravine of Rio Platano  
at 1400 ft. a lady buys it  
Cindad Trujillo - 25 lbs of fern  
guide to make medicine

18268 Urticaceae  
✓ On banks, does etc., ditto  
near # 18267 Jan. 1

18269 Piperaceae -  
✓ Leaves deep green, turning to  
Near # 18267 Jan. 1, ditto

18270 Shrub - fruiting  
✓ Near # 18267 ditto

18271 White fungus on tree  
barks, often luminous ditto  
Near # 18267 ✓

18272 Shrubby piperaceae  
Near # 18267; leaves  
thick, rubbery. ditto  
✓

18273 Fern. On ledges  
in deep ravine of Rio Las  
Platanos, Jan. 1 ditto  
Near # 18267 ✓



In ravine, of Rio Los Platanos  
at 1400 ft, on slope of Poma  
Campana, in primitive forest  
18274 cloud rain forest, Jan. 1, '48  
grass  
near # 18274, Jan. 1 ditto

18275

18276 Fern - narrow, pointed  
bronds in ravine on banks  
near # 18274 ditto

18277 white fungus on bark;  
sometimes luminous,  
near # 18274 ditto

18278 Fern; Resembling fern  
sh. d fern a little  
Jan. 1. Near # 18274 ditto

18279 Fern: Woman in Cindad  
Trujillo has one guide ditto  
seed 25 lbs for medicine, V  
In ravine in rock crevices  
near # 18274

18280 Low shrub;  
Near # 18279 - on  
cliff ditto

Selaginella  
On rocks, not at falls  
18281 near # 18279 Jan. 1, '48  
✓

18282 Fern?  
at falls with # 18279. bronds  
✓ about mid. size ditto

18283 Fern?  
In damp soil and spray ditto  
near # 18279 ✓

18284 Fern - flat, thin, irregular  
bronds; in constant spray of  
big water fall, Jan. 1 ditto  
near # 18279 ✓

18285 Liliaceae - prostrate  
✓ on earth, logs etc.,  
near # 18279 ditto

18286 Shrub.  
Near # 18279 ditto  
✓

18287 Liliaceae  
On ground, banks  
✓ near # 18279 ditto

Iron - on banks of  
river of Rio Los Platanos  
18288 foot of Loma Campana  
at 1400 ft, Jan. 1, 49

(1948)

400

18289 Iron shrub  
On bank near # 18288

ditto

18290 Rubiaceae; fl. white  
Near # 18288;  
Reclining

ditto

18291 Piperaceae, dark green  
alternate leaves;  
Jan. 1. Near # 18290

ditto

18292 Fern  
On bank near # 18290

ditto

18293 shrub -  
Near # 18290

ditto

18294 Urticaceae  
Near # 18290

ditto

Urticaceae  
Near # 18290  
Jan. 1, 1948. H.A.G.

18295

✓

18296 Grass.  
Near # 18290

ditto

18297 shrub,  
Near # 18290

ditto

18298 shrub; fl. reddish  
Near # 18290

ditto

18299 fl. blue  
Corymbosae -  
On bank near  
# 18290

ditto

18300 Urticaceae  
Near # 18290  
Creeping.

ditto

18301 Pelecopis Bonney  
Piedra Blanca -

✓ Jan. 2, at 500 ft,  
used for tying buildings to sether  
aerocaulis.



Piedra Blanca ad  
Goodrich Rubber grove -  
18302 Jan. 2, 1947 1100 ft  
Paspalum, at 500 ft

18303, Creeping, fl. yellow  
Near # 18302 ditto

18304 Legume - Jan. 2,  
Near Maimon River at Piedra  
In thickets; high climbing,  
fl. yellowish, 1100 ft

18305 Small fern - on logs, trees  
on slope of Loma Campana  
near 3400 ft. Jan. 1, 48. in primitive  
forest in cloud & rain forest ✓ 1100 ft

18306 Perhaps ditto species  
ditto ✓ ditto

18307 Fern small - similar  
Near # 18305 ditto ✓

18308 Moss, leafy etc on  
tree etc., near # 18305 ditto

Hypoxis pinnatifida  
on tree etc. in cloud & rain forest  
on Mt. Loma Campana  
18309 near and at 3400 ft (the top)  
January 1, 48  
1100 ft ✓

18310

ditto ✓

18311

ditto ✓

18312

small fern ✓

18313

mosses etc ✓

same  
data

18314

ditto ✓

18315

ditto ✓



Monocarpus  
coll. on Ficus Campfana  
near or at 3400 ft. very cloud  
and some primitive forest  
Jan. 1, 1948. H.C.A.

18316

ditto

✓

18317

✓

18318

ditto

✓

18319

ditto

✓

18320

ditto

✓

18321

ditto

Filices form 2

✓

18322

ditto

✓

with # 18316  
same data

18323

✓ Jan. 1, 48  
1900

18324

ditto

✓

18325

ditto

✓

18326

ditto

✓

18327

ditto

✓

18328

Indicaria  
on logs etc  
near # 18316

same data

✓

18329

ditto

✓

18329a

✓

Mosses - hepatic in  
near top of Losa Campaña -  
in cloud & rain forest at 3400 ft

18330

✓ Jan. 1, 1948  
H. J. G.

18331 fungus on log (white)  
near # 18330

18332

ditto

18333

ingress of Rio Platanos  
at 1400 ft on slope Losa  
Campaña. Jan. 2, 1948 ✓

18334

ditto

18335

ditto

18336

ditto

W. H. # 18333 same data

18337

✓

18338

ditto

18339

ditto

18340

Delicate

ditto

filmy, fern on tree - near

18340a

below / damp canyon of Rio Los Platanos, # 18333

18341

ditto

18341a

✓ fern

18342

ditto

18343

ditto

In deep red soil of Rio de  
Plattayac on slope of Loma  
Cana - in ~~forest~~ forest -  
ad river forest (primitive) - Jan. 2, 1834  
at 1400 feet, ✓

18344

ditto

18345

✓

18346

ditto

filmy fern<sup>2</sup>

✓

18347

ditto

filmy fern<sup>2</sup>

✓

18348

ditto

filmy fern<sup>2</sup>

✓

18349

ditto

filmy fern<sup>2</sup>

✓

18350

ditto

✓ filmy fern<sup>2</sup>

filmy fern on  
tree - in mud etc. Jan. 2  
near # 18344. ✓

18351

18352

(apparently  
lost)

ditto <sup>maria</sup>  
<sup>hepatic</sup>  
near # 18344 ✓

18353

ditto

✓

18354

ditto

✓

18355

ditto

✓

18356

ditto

✓

18357

ditto

✓



Mosses, hepatic in deep  
canyon of Rio Las Platanas  
18358 on slopes of Poma Campes  
at 1400 ft. Jan. 2, 48, H.O.A

18359

ditto

✓

18360

ditto

✓

18361

ditto

✓

18362

ditto

✗

18363 fungus (white on wood) ✓  
supposed to be Laminaria in  
side right. One a marked ✓  
18363a fungus white near # 18358

18364 white fungus  
scalloped edge  
Near # 18358

Fungus on wood  
near # 18358 same data

18365

✓

18366

ditto

✓

18366a when

✓

18367

ditto

✓

18368

ditto

✓

18369

ditto

✓

18370

ditto

✓

18371

ditto

✓

Filmy ferns 2 on slope of  
Joya Campaña at 14000 ft.,  
in deep ravine of Rio Los  
Chalanes, Jan. 2, 1880.

18372

✓

18373

ditto mosses, hepatics  
near # 18372

✓

18374

ditto

✓

18375

ditto

✓

18376

ditto

✓

18377

ditto

✓

18378

ditto filmy fern - pendants  
from branches.

✓

Filmy fern - 2  
Near # 18372  
Jan. 2

same data

18379

✓

18380

ditto mosses etc

✓

18381

ditto flowering plants  
near # 18372  
Jan. 2,

✓

18382

ditto Mosses etc

✓

18383

ditto

✓

18384

ditto

✓

18385

ditto

✓

Filmy fern - coll. on slope of  
Loma Campana - in deep ravine  
at 1400 feet in primitive forest,  
Jan. 2, 1948. H.S.G.

18386

✓

18387

ditto

✓

18388

ditto

✓

18389

ditto

✓

18390

ditto

✓

18391

ditto  
near # 18386. ✓

18392

Mosses  
near # 18386

✓

Filmy fern near  
same data

18393

# 18386

✓

18394

ditto

✓

18395

Fungi for path.  
Near # 18386

✓

18396

ditto

✓

18397

ditto

✓

18398

ditto

✓

18399

ditto

✓



Mosses, hepatic on slope of  
Loma Campana in deep ravine of  
Rio Los Platanos Jan. 2, '98  
18400 at 1400 ft. L. H. A.

18401 ditto Lichens  
near #1 18400

18402 Mosses etc  
near #1 18400 V

18403 moss? V ditto

18404 hepatic V ditto

18405 mosses V ditto

18406 ditto ditto

Mosses etc Same data  
near #1 18400  
Jan. 2, '98 V

18407

18408 filix femina ditto V

18409 mosses ditto V

18410 ditto V

18411 ditto V

18412 ditto V

18413 V Piperaceae ditto  
on tree trunk

Mosses, hepatics on trees etc  
in ravine of Rio Los Platanos  
on slope of Loma Campana,  
18414 in primitive forest.  
Jan. 2, 1948  
1949

18415 Cladonia. On rocks  
near # 18414

18416 Mosses etc. ditto ✓

18417 ditto ✓

18418 ditto ✓

18419 ditto ✓

18420 ditto ✓

Filmy moss? Jan. 2  
Near # 18414 same data

18421 ditto ✓

18422 ditto L

18423 ditto L

18424 Mosses etc. L

18425 ditto ✓

18426 ditto ✓

18427 ditto  
Mosses etc on bark. ✓

Mosses, hepatic in wood, trees  
in <sup>deep</sup> shade of Rio Los Platanos in  
sluff of Loma Camfana  
18428 Jan 2, 1947 at 1400 feet,   
Terry form  
grows in moss only. H.A.A. ✓

Mosses,  
near # 18428. ✓  
18429

ditto ✓  
18430

ditto ✓  
18431

ditto ✓  
18432

ditto ✓  
18433

ditto ✓  
18434

Mosses, hepatic same  
near # 18428 data

✓  
18435

ditto ✓  
18436

ditto ✓  
18437

ditto ✓  
18438

ditto ✓  
18439

ditto ✓  
18440

ditto ✓  
18441



Mosses, hepatic on slope of  
Loma Campana in deep ravine  
of Rio Los Platanos  
18442 ✓ Jan. 2, at 1400 ft  
Jan. 2, 1909

18443 ditto near # 18442 ✓

18444 ditto ✓

18445 ditto ✓

18446 ditto ✓

18447 ditto ✓

18448 ditto ✓

Mosses, hepatic near  
# 18442 same data

18449 ✓

18450 spermatophyte  
Tring. on sand bar near  
on bank; near # 18442 ditto ✓

18451 Mosses, hepatic  
Near # 18442  
Jan. 2

18452 ditto ✓

18453 ditto ✓

18454 ditto

18455 ditto ✓

Fishing fern 2 on trees on slope of  
Loma Campana at 1400 ft. in  
deep ravine on Rio Los Platanos  
18456 in miniature forest H.A. 9

18457 ditto ✓

18458 ditto ✓

18459 ditto ✓

18460 ditto  
at top of Loma Campana  
at 3000 - 3400 feet. Jan. 1, 48  
H.A. 9

18461 ditto ✓

18462 ditto ✓

Tring elongate form  
found, fairly noticed ✓  
on Loma Campana  
18463 at top of Loma Campana  
18463a fern at 3400 ft. in cloud  
and rain forest. Jan. 1, 48  
one 2-3 inches tall. <sup>fruit</sup> size

18464 small fern  
with # 18463 ditto ✓

18465 Maras ditto ✓  
hepatia near # 18463 ditto

18466 ditto ✓

18467 ditto ✓  
Hepatic etc.

18468 fishing fern ditto  
near # 18463 ✓

18469 Cladonia etc.  
Near # 18463. ✓

Mosses, hepatic on  
top of Loma Campana at  
3400 feet. in cloud and  
18470 rain primitive forest.  
Jan. 1, 1948

Brown fungus - killed beneath; soft,  
slabby on tree, H.A.G. ✓

18471 Lichen on tree  
trunk near # 18470 ✓

18472 Fungus - soft, brown  
on log, near # 18470 ✓

18472a

18473 ditto white  
branched fungus ✓

18474 slender  
form on moss  
near # 18470. ✓

18475 mosses etc  
near # 18470 ✓

18476 Lichens  
near # 18470 ✓

Small arched part fl.,  
on top of Loma Campana  
at 3400 feet on branch  
18477 in moss. Jan. 1, '48  
H.A.G.

18478 Mosses - hepatic  
near # 18477. Jan. 1 ✓

18479 ditto ✓

18480 ditto ✓

18481 ditto ✓

18482 ditto ✓

18483 ditto ✓



Mosses, hepatic etc at  
top of Tona Campana, at 3000-3400 ft  
Jan. 1, 1948  
18484 In primitive forest T.O.G. ✓

18485 Lichens - yellow green  
near # 18484 on tree. ✓

18486 Tiny fern  
on limbs in moss - Near # 18484 nitroge ✓

18487 Small fern ditto ✓

18488 Mosses & hepatic  
near # 18484 ✓

18489 Cladonia?  
near # 18484 ✓

18490 Mosses, hepatic  
near # 18484 ✓

Mosses, hepatic  
near # 18484 Jan. 1

18491

18492 Tiny fern  
Near # 18491 ✓  
Always grows in moss on  
limbs. ✓

18493 Mosses etc ditto

18494 ditto ✓

18495 ditto

18496 Lichens: bluish green  
near # 18491 ✓

18497 Small, stiff, dark green  
fern on earth on bank in  
ravine near # 18491 ✓

Mosses, hepaticae on  
top of Loma Campana - at 3000  
18498 3400 ft. Jan. 1, 1948  
in primitive forest. H.O.G.

- 18499 ditto ✓
- 18500 ditto ✓
- 18501 ditto ✓
- 18502 ditto ✓  
Brown bracket fungi  
for Pathi near # 18498
- 18503 mosses etc  
near # 18498 ✓
- 18504 ditto ✓
- 18504a fungus L

Mosses, hepaticae  
near # 18498. same data.

- 18505 ditto ✓
- 18506 ditto ✓
- 18507 ditto ✓
- 18507a fern L
- 18508 ditto ✓
- 18509 ditto  
Piperaceae  
near # 18498 on trees  
✓
- 18510 ditto ✓
- 18511 ditto

Mosses, hepatic collected  
on top of Lower Campana at 3400 ft  
Jan. 1. in primitive  
18512 forest, cloud and rain  
forest, 10-2 V

18513

ditto

V

18514

ditto

V

18515

ditto

V

18516

ditto

V

18516a

ditto

V

18517

ditto

V

18518

ditto

V

Mosses, etc  
Near # 18512 same data

18519

V

18520

ditto

V

18521

ditto

V

18522

Lichens ditto  
Near # 18512

V

18523

marked fungus  
for path,  
near # 18512

V

18524

Lichens near # 18512

V

18525

Mosses etc  
Near # 18512

V



Mosses, lichens collected  
on top of Loma Campana at 3400 ft  
Jan. 1 in cloud and  
18526 rain forest (primitive forest)  
✓ H.A.G.

18527 Filix fern  
Near # 18526  
Pendent. ✓

18528 Filix fern  
(near # 18526) ✓

18529 ditto ✓

18530 ditto ✓

18531 Mosses etc  
near # 18526 ✓

18532 ditto ✓

Mosses, hepatics etc. collected  
at top of Loma Campana ✓  
18533 at 3400 ft. in cloud and  
rain forest, (primitive forest)  
Jan. 1, 1948  
H.A.G.

18534 Filix fern  
Near # 18526 L

18535 Mosses etc  
near # 18526 ✓

18536 ditto ✓

18537 ditto ✓

18538 Lichens  
Near # 18526 ditto ✓

18539 ditto L

Mosses and hepatics collected on  
top of Loma Campana, at 3400 ft.,  
in primitive forest, - a cloud  
18540 and rain forest. Jan. 1, 1948  
H.A.A. ✓

18541

ditto

✓

18542

ditto

18543

Filices fern.

near # 18540

✓

18544

Mosses, hepatics  
near # 18540

✓

18545

ditto

✓

18546

ditto

Mosses, lichens  
near # 18540 -

same data

18547

✓

18548

ditto

✓

18549

ditto

✓

18550

ditto

✓

18551

ditto

✓

18552

ditto

✓

18553

ditto

✓

Mosses, hepatics etc. collected on top  
of Loma Campana at 3400 ft.,  
18554 a dense and rain forest  
and primitive forest. ✓  
Jan. 1, 1948. H.A.A.

18555 ditto ✓

18556 ditto ✓

18557 ditto ✓

18558 ditto ✓

18559 ditto ✓

18560 Filmy fern?  
near # 18554 ✓



Manufactured by  
U. S. Government Printing Office

50174

